

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110521\
 Data File : VD070930.D
 Acq On : 05 Nov 2021 17:50
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD110521

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021

Quant Time: Nov 06 23:46:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110521S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 06 23:43:28 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	444165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	780792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	693377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	302222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	267643	49.062	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.120%		
35) Dibromofluoromethane	7.914	113	239183	48.899	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.800%		
50) Toluene-d8	10.332	98	923422	48.566	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.140%		
62) 4-Bromofluorobenzene	12.620	95	338976	47.225	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	225533	47.308	ug/l	95
3) Chloromethane	2.209	50	231315	48.956	ug/l	99
4) Vinyl Chloride	2.350	62	224220	49.030	ug/l	98
5) Bromomethane	2.767	94	148706	53.242	ug/l	97
6) Chloroethane	2.920	64	142257	49.765	ug/l	89
7) Trichlorofluoromethane	3.273	101	421051	50.032	ug/l	95
8) Diethyl Ether	3.709	74	125583	52.877	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.091	101	249088	51.857	ug/l	96
10) Methyl Iodide	4.297	142	243745	43.330	ug/l	99
11) Tert butyl alcohol	5.220	59	88192	249.607	ug/l	95
12) 1,1-Dichloroethene	4.061	96	237274	51.180	ug/l	84
13) Acrolein	3.920	56	24894	232.964	ug/l	98
14) Allyl chloride	4.714	41	517124	53.065	ug/l #	83
15) Acrylonitrile	5.420	53	286936	272.365	ug/l	96
16) Acetone	4.156	43	302820	259.509	ug/l #	87
17) Carbon Disulfide	4.408	76	788982	52.767	ug/l	97
18) Methyl Acetate	4.714	43	222822	55.645	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	619769	53.759	ug/l	99
20) Methylene Chloride	4.961	84	283068	49.897	ug/l	88
21) trans-1,2-Dichloroethene	5.467	96	273398	52.080	ug/l #	84
22) Diisopropyl ether	6.361	45	962346	54.041	ug/l	95
23) Vinyl Acetate	6.303	43	2305099	275.984	ug/l	96
24) 1,1-Dichloroethane	6.261	63	538420	53.128	ug/l	100
25) 2-Butanone	7.208	43	397046	262.641	ug/l	91
26) 2,2-Dichloropropane	7.202	77	472785	50.607	ug/l	95
27) cis-1,2-Dichloroethene	7.208	96	308450	52.626	ug/l	89
28) Bromochloromethane	7.544	49	211861	52.261	ug/l	89
29) Tetrahydrofuran	7.561	42	248097	268.996	ug/l	92
30) Chloroform	7.708	83	517198	52.623	ug/l	99
31) Cyclohexane	7.985	56	522583	48.974	ug/l	100
32) 1,1,1-Trichloroethane	7.902	97	463270	51.030	ug/l	95
36) 1,1-Dichloropropene	8.108	75	409464	51.328	ug/l	98
37) Ethyl Acetate	7.291	43	174907	53.683	ug/l #	93
38) Carbon Tetrachloride	8.097	117	396820	51.235	ug/l	99
39) Methylcyclohexane	9.349	83	511786	49.972	ug/l	96
40) Benzene	8.349	78	1116888	52.770	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110521\
 Data File : VD070930.D
 Acq On : 05 Nov 2021 17:50
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD110521

Quant Time: Nov 06 23:46:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110521S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 06 23:43:28 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	107669	50.267	ug/l #	75
42) 1,2-Dichloroethane	8.420	62	342881	52.631	ug/l	95
43) Isopropyl Acetate	8.449	43	368936	52.884	ug/l	90
44) Trichloroethene	9.108	130	294346	51.743	ug/l	93
45) 1,2-Dichloropropane	9.379	63	296614	53.419	ug/l	100
46) Dibromomethane	9.473	93	145076	52.852	ug/l	93
47) Bromodichloromethane	9.655	83	396726	52.872	ug/l	97
48) Methyl methacrylate	9.449	41	193469	53.720	ug/l #	81
49) 1,4-Dioxane	9.455	88	31581	1034.899	ug/l #	81
51) 4-Methyl-2-Pentanone	10.220	43	884660	269.594	ug/l	91
52) Toluene	10.396	92	703003	51.974	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	390782	52.242	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	453509	52.056	ug/l #	79
55) 1,1,2-Trichloroethane	10.796	97	190518	52.977	ug/l	97
56) Ethyl methacrylate	10.655	69	276941	52.616	ug/l #	75
57) 1,3-Dichloropropane	10.938	76	349490	52.605	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	597042	236.796	ug/l	99
59) 2-Hexanone	10.979	43	623988	255.997	ug/l	90
60) Dibromochloromethane	11.132	129	238178	51.894	ug/l	99
61) 1,2-Dibromoethane	11.238	107	187471	52.332	ug/l	99
64) Tetrachloroethene	10.873	164	237650	51.536	ug/l	97
65) Chlorobenzene	11.661	112	713994	52.203	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	257674	51.404	ug/l	99
67) Ethyl Benzene	11.738	91	1366659	51.719	ug/l	100
68) m/p-Xylenes	11.843	106	1013753	103.716	ug/l	93
69) o-Xylene	12.173	106	487087	52.033	ug/l	96
70) Styrene	12.185	104	809938	52.340	ug/l	95
71) Bromoform	12.349	173	130654	52.608	ug/l #	100
73) Isopropylbenzene	12.467	105	1292747	52.091	ug/l	99
74) N-amyl acetate	12.279	43	347806	53.418	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	208442	55.035	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	173190m	56.875	ug/l	
77) Bromobenzene	12.749	156	270056	52.734	ug/l	90
78) n-propylbenzene	12.808	91	1589910	52.453	ug/l	100
79) 2-Chlorotoluene	12.896	91	914957	52.555	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	1071821	52.058	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.514	75	69404	54.079	ug/l #	83
82) 4-Chlorotoluene	12.996	91	949546	52.781	ug/l	97
83) tert-Butylbenzene	13.214	119	917975	51.752	ug/l	94
84) 1,2,4-Trimethylbenzene	13.255	105	1046695	52.281	ug/l	97
85) sec-Butylbenzene	13.390	105	1365042	51.849	ug/l	100
86) p-Isopropyltoluene	13.502	119	1106539	51.361	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	523903	52.335	ug/l	97
88) 1,4-Dichlorobenzene	13.584	146	523593	52.802	ug/l	97
89) n-Butylbenzene	13.832	91	1108445	52.103	ug/l	100
90) Hexachloroethane	14.096	117	223712	52.816	ug/l	92
91) 1,2-Dichlorobenzene	13.873	146	455791	52.974	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	36295	51.677	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	295868	53.345	ug/l	98
94) Hexachlorobutadiene	15.249	225	151944	50.621	ug/l	99
95) Naphthalene	15.379	128	558656	54.251	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	251831	54.101	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110521\
Data File : VD070930.D
Acq On : 05 Nov 2021 17:50
Operator : VA/SY
Sample : VSTDICV050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD110521

Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

Quant Time: Nov 06 23:46:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110521S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 06 23:43:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110521\
 Data File : VD070930.D
 Acq On : 05 Nov 2021 17:50
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

MSVOA_D

ClientSampleId :

ICVVD110521

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021

Quant Time: Nov 06 23:46:24 2021

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110521S.M

Quant Title : SW846 8260

QLast Update : Sat Nov 06 23:43:28 2021

Response via : Initial Calibration

