

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110821\
 Data File : VD070935.D
 Acq On : 08 Nov 2021 14:58
 Operator : VA/SY
 Sample : VD1108SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1108SBS02

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/09/2021
 Supervised By :Mahesh Dadoda 11/10/2021

Quant Time: Nov 09 02:33:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 08 13:56:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	426788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	758019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	688317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	313603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	262903	50.156	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.320%			
35) Dibromofluoromethane	7.908	113	238456	50.215	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.440%			
50) Toluene-d8	10.332	98	932619	50.523	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.040%			
62) 4-Bromofluorobenzene	12.620	95	340833	48.910	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	83217	18.166	ug/l	97
3) Chloromethane	2.209	50	83584	18.410	ug/l	96
4) Vinyl Chloride	2.350	62	80876	18.405	ug/l	95
5) Bromomethane	2.756	94	53648	19.990	ug/l	96
6) Chloroethane	2.914	64	49600	18.058	ug/l	92
7) Trichlorofluoromethane	3.267	101	140434	17.367	ug/l	94
8) Diethyl Ether	3.714	74	43737	19.166	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.097	101	83483	18.088	ug/l	96
10) Methyl Iodide	4.303	142	74588	16.833	ug/l	98
11) Tert butyl alcohol	5.208	59	31791	93.641	ug/l	100
12) 1,1-Dichloroethene	4.061	96	82544	18.530	ug/l	86
13) Acrolein	3.920	56	12892	118.685	ug/l	94
14) Allyl chloride	4.714	41	172743	18.448	ug/l #	85
15) Acrylonitrile	5.420	53	105713	104.430	ug/l	96
16) Acetone	4.150	43	90908	84.088	ug/l	90
17) Carbon Disulfide	4.409	76	266016	18.516	ug/l	98
18) Methyl Acetate	4.714	43	80797	20.999	ug/l	92
19) Methyl tert-butyl Ether	5.479	73	207514	18.733	ug/l	98
20) Methylene Chloride	4.961	84	142595	24.796	ug/l	93
21) trans-1,2-Dichloroethene	5.473	96	89395	17.722	ug/l	87
22) Diisopropyl ether	6.361	45	330235	19.299	ug/l #	94
23) Vinyl Acetate	6.303	43	783803	97.664	ug/l	99
24) 1,1-Dichloroethane	6.261	63	176619	18.137	ug/l	100
25) 2-Butanone	7.208	43	137132	94.404	ug/l #	84
26) 2,2-Dichloropropane	7.208	77	151173	16.840	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	102612	18.220	ug/l	92
28) Bromochloromethane	7.538	49	89103	22.874	ug/l	89
29) Tetrahydrofuran	7.561	42	91203	102.912	ug/l	92
30) Chloroform	7.708	83	166019	17.580	ug/l	98
31) Cyclohexane	7.979	56	187778	18.314	ug/l	96
32) 1,1,1-Trichloroethane	7.902	97	147713	16.933	ug/l	95
36) 1,1-Dichloropropene	8.108	75	135112	17.446	ug/l	98
37) Ethyl Acetate	7.291	43	64124	20.272	ug/l #	94
38) Carbon Tetrachloride	8.091	117	121216	16.121	ug/l	97
39) Methylcyclohexane	9.349	83	173692	17.469	ug/l	97
40) Benzene	8.349	78	372642	18.135	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110821\
 Data File : VD070935.D
 Acq On : 08 Nov 2021 14:58
 Operator : VA/SY
 Sample : VD1108SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1108SBS02

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/09/2021
 Supervised By :Mahesh Dadoda 11/10/2021

Quant Time: Nov 09 02:33:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 08 13:56:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	42271	20.328	ug/l #	72
42) 1,2-Dichloroethane	8.420	62	110673	17.498	ug/l	95
43) Isopropyl Acetate	8.444	43	134602	19.874	ug/l #	89
44) Trichloroethene	9.102	130	95424	17.279	ug/l	95
45) 1,2-Dichloropropane	9.379	63	100068	18.563	ug/l	98
46) Dibromomethane	9.473	93	47600	17.862	ug/l	94
47) Bromodichloromethane	9.655	83	127763	17.539	ug/l	99
48) Methyl methacrylate	9.449	41	65969	18.868	ug/l	85
49) 1,4-Dioxane	9.455	88	12160	410.451	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	317009	99.509	ug/l	90
52) Toluene	10.396	92	233012	17.744	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	131348	18.087	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	150604	17.807	ug/l #	80
55) 1,1,2-Trichloroethane	10.791	97	64344	18.430	ug/l	94
56) Ethyl methacrylate	10.655	69	96561	18.897	ug/l #	78
57) 1,3-Dichloropropane	10.938	76	122619	19.011	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	277907	113.534	ug/l	99
59) 2-Hexanone	10.979	43	219179	92.622	ug/l	91
60) Dibromochloromethane	11.132	129	79668	17.879	ug/l	99
61) 1,2-Dibromoethane	11.238	107	64355	18.504	ug/l	99
64) Tetrachloroethene	10.867	164	76004	16.603	ug/l	96
65) Chlorobenzene	11.661	112	235688	17.359	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	83615	16.803	ug/l	99
67) Ethyl Benzene	11.738	91	452784	17.261	ug/l	99
68) m/p-Xylenes	11.843	106	337835	34.818	ug/l	95
69) o-Xylene	12.173	106	162230	17.458	ug/l	97
70) Styrene	12.185	104	273831	17.826	ug/l	96
71) Bromoform	12.349	173	43660	17.709	ug/l #	96
73) Isopropylbenzene	12.467	105	430529	16.719	ug/l	99
74) N-amyl acetate	12.279	43	124513	18.429	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	73547	18.714	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	66046m	20.902	ug/l	
77) Bromobenzene	12.749	156	90589	17.047	ug/l	92
78) n-propylbenzene	12.808	91	535317	17.020	ug/l	99
79) 2-Chlorotoluene	12.896	91	301502	16.690	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	348041	16.291	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	24367	18.297	ug/l #	85
82) 4-Chlorotoluene	12.990	91	316952	16.979	ug/l	98
83) tert-Butylbenzene	13.208	119	302688	16.445	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	345886	16.649	ug/l	97
85) sec-Butylbenzene	13.390	105	459139	16.807	ug/l	100
86) p-Isopropyltoluene	13.502	119	366336	16.387	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	179139	17.245	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	179219	17.418	ug/l	98
89) n-Butylbenzene	13.826	91	370569	16.787	ug/l	100
90) Hexachloroethane	14.096	117	71930	16.366	ug/l	92
91) 1,2-Dichlorobenzene	13.873	146	157717	17.665	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	11979	16.437	ug/l	99
93) 1,2,4-Trichlorobenzene	15.143	180	98871	17.180	ug/l	95
94) Hexachlorobutadiene	15.249	225	48539	15.584	ug/l	99
95) Naphthalene	15.379	128	194120	18.167	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	85259	17.652	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110821\
Data File : VD070935.D
Acq On : 08 Nov 2021 14:58
Operator : VA/SY
Sample : VD1108SBSD02
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1108SBSD02

Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/09/2021
Supervised By :Mahesh Dadoda 11/10/2021

Quant Time: Nov 09 02:33:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110521S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 08 13:56:36 2021
Response via : Initial Calibration

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

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

