

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079613.D
 Acq On : 06 Aug 2024 07:49
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/06/2024
 Supervised By :Mahesh Dadoda 08/08/2024

Quant Time: Aug 06 08:56:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	211576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	388035	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	356260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	173567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	107971	50.233	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.460%			
35) Dibromofluoromethane	7.804	113	112764	42.935	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 85.860%			
50) Toluene-d8	10.269	98	450577	44.177	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 88.360%			
62) 4-Bromofluorobenzene	12.569	95	128899	43.673	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 87.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	71993	43.428	ug/l	99
3) Chloromethane	2.146	50	154877	50.705	ug/l	94
4) Vinyl Chloride	2.281	62	179701	49.480	ug/l	99
5) Bromomethane	2.687	94	109516	47.651	ug/l	99
6) Chloroethane	2.834	64	112510	48.210	ug/l	96
7) Trichlorofluoromethane	3.169	101	168005	46.516	ug/l	98
8) Diethyl Ether	3.587	74	59532	54.565	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.963	101	102625	44.925	ug/l	98
10) Methyl Iodide	4.158	142	144882	51.963	ug/l	96
11) Tert butyl alcohol	5.052	59	28560	291.963	ug/l #	95
12) 1,1-Dichloroethene	3.940	96	112729	49.312	ug/l	89
13) Acrolein	3.793	56	26904	177.355	ug/l	96
14) Allyl chloride	4.558	41	161320	53.440	ug/l	87
15) Acrylonitrile	5.252	53	143086	280.658	ug/l	98
16) Acetone	4.016	43	87456	209.365	ug/l	96
17) Carbon Disulfide	4.269	76	368177	48.791	ug/l	98
18) Methyl Acetate	4.563	43	77306	59.607	ug/l #	87
19) Methyl tert-butyl Ether	5.316	73	260886	55.908	ug/l	98
20) Methylene Chloride	4.799	84	167349	55.475	ug/l	90
21) trans-1,2-Dichloroethene	5.310	96	133910	52.144	ug/l	90
22) Diisopropyl ether	6.210	45	381520	56.803	ug/l #	93
23) Vinyl Acetate	6.152	43	1380763	273.474	ug/l #	91
24) 1,1-Dichloroethane	6.116	63	242468	53.869	ug/l	94
25) 2-Butanone	7.081	43	148061	250.014	ug/l	93
26) 2,2-Dichloropropane	7.075	77	161232	44.286	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	163257	55.616	ug/l	89
28) Bromochloromethane	7.428	49	99783	50.555	ug/l #	70
29) Tetrahydrofuran	7.440	42	104301	284.191	ug/l #	82
30) Chloroform	7.599	83	247281	54.251	ug/l	99
31) Cyclohexane	7.881	56	160770	45.037	ug/l	90
32) 1,1,1-Trichloroethane	7.793	97	194567	51.730	ug/l	98
36) 1,1-Dichloropropene	8.004	75	163732	45.674	ug/l	96
37) Ethyl Acetate	7.169	43	75722	51.520	ug/l	94
38) Carbon Tetrachloride	7.993	117	170477	45.238	ug/l	95
39) Methylcyclohexane	9.275	83	177711	41.549	ug/l	92
40) Benzene	8.251	78	554108	48.667	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079613.D
 Acq On : 06 Aug 2024 07:49
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/06/2024
 Supervised By :Mahesh Dadoda 08/08/2024

Quant Time: Aug 06 08:56:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	39972	49.443	ug/l	88
42) 1,2-Dichloroethane	8.328	62	134125	49.434	ug/l	95
43) Isopropyl Acetate	8.363	43	136138	49.284	ug/l #	94
44) Trichloroethene	9.028	130	129463	45.677	ug/l	99
45) 1,2-Dichloropropane	9.304	63	140557	50.727	ug/l	100
46) Dibromomethane	9.398	93	74413	48.444	ug/l	94
47) Bromodichloromethane	9.581	83	186364	49.411	ug/l	100
48) Methyl methacrylate	9.381	41	63926	51.711	ug/l	85
49) 1,4-Dioxane	9.387	88	15558	977.467	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	375289	266.108	ug/l	94
52) Toluene	10.334	92	348427	49.480	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	161677	46.418	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	197884	47.232	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	99670	49.257	ug/l	95
56) Ethyl methacrylate	10.598	69	123089	51.339	ug/l	89
57) 1,3-Dichloropropane	10.875	76	170235	49.509	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	320407	289.780	ug/l	91
59) 2-Hexanone	10.922	43	251061	255.256	ug/l	95
60) Dibromochloromethane	11.075	129	124860	47.236	ug/l	97
61) 1,2-Dibromoethane	11.181	107	90691	47.841	ug/l	95
64) Tetrachloroethene	10.810	164	111934	46.595	ug/l	94
65) Chlorobenzene	11.604	112	376749	47.757	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	127552	49.142	ug/l	96
67) Ethyl Benzene	11.681	91	644205	49.882	ug/l	98
68) m/p-Xylenes	11.792	106	508146	99.175	ug/l	95
69) o-Xylene	12.116	106	233503	49.720	ug/l	91
70) Styrene	12.134	104	416566	50.593	ug/l	97
71) Bromoform	12.298	173	68490	46.677	ug/l #	96
73) Isopropylbenzene	12.416	105	589133	45.659	ug/l	100
74) N-amyl acetate	12.228	43	132948	52.078	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	114318	50.700	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	84746m	55.859	ug/l	
77) Bromobenzene	12.698	156	140085	48.134	ug/l	87
78) n-propylbenzene	12.757	91	720714	49.675	ug/l	97
79) 2-Chlorotoluene	12.845	91	409140	50.645	ug/l	95
80) 1,3,5-Trimethylbenzene	12.898	105	490024	50.683	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	37531	47.182	ug/l	99
82) 4-Chlorotoluene	12.945	91	422783	50.201	ug/l	97
83) tert-Butylbenzene	13.163	119	416569	44.881	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	498157	46.084	ug/l	98
85) sec-Butylbenzene	13.339	105	617502	48.018	ug/l	99
86) p-Isopropyltoluene	13.457	119	527440	43.859	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	282608	46.879	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	277105	46.754	ug/l	97
89) n-Butylbenzene	13.781	91	473292	42.715	ug/l	98
90) Hexachloroethane	14.051	117	107625	47.849	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	244092	47.376	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	15095	50.313	ug/l	90
93) 1,2,4-Trichlorobenzene	15.092	180	143213	44.117	ug/l	98
94) Hexachlorobutadiene	15.198	225	71173	40.623	ug/l	96
95) Naphthalene	15.328	128	279265	49.704	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	129868	45.480	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
Data File : VD079613.D
Acq On : 06 Aug 2024 07:49
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 08/06/2024
Supervised By :Mahesh Dadoda 08/08/2024

Quant Time: Aug 06 08:56:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
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\VD080524\
 Data File : VD079613.D
 Acq On : 06 Aug 2024 07:49
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 06 08:56:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/06/2024
 Supervised By :Mahesh Dadoda 08/08/2024

