

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102621\
 Data File : VD070851.D
 Acq On : 26 Oct 2021 20:21
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021

Quant Time: Oct 27 06:24:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	387342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	656524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	637418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	323075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	225800	57.961	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.920%			
35) Dibromofluoromethane	7.908	113	228576	52.804	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.600%			
50) Toluene-d8	10.332	98	882875	54.212	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.420%			
62) 4-Bromofluorobenzene	12.620	95	294837	54.870	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	160645	44.720	ug/l	97
3) Chloromethane	2.209	50	262613	51.652	ug/l	98
4) Vinyl Chloride	2.350	62	273471	48.623	ug/l	98
5) Bromomethane	2.762	94	200469	57.192	ug/l	96
6) Chloroethane	2.920	64	174214	50.136	ug/l	92
7) Trichlorofluoromethane	3.273	101	324044	46.778	ug/l	99
8) Diethyl Ether	3.709	74	108155	56.354	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	206095	46.160	ug/l	98
10) Methyl Iodide	4.297	142	231091	49.298	ug/l	100
11) Tert butyl alcohol	5.226	59	55181	266.519	ug/l	96
12) 1,1-Dichloroethene	4.067	96	197928	50.642	ug/l	99
13) Acrolein	3.915	56	46689	251.467	ug/l	99
14) Allyl chloride	4.715	41	337183	55.073	ug/l	99
15) Acrylonitrile	5.420	53	262857	285.928	ug/l	99
16) Acetone	4.156	43	200153	220.836	ug/l	98
17) Carbon Disulfide	4.409	76	718203	51.981	ug/l	98
18) Methyl Acetate	4.715	43	181285	58.345	ug/l	100
19) Methyl tert-butyl Ether	5.473	73	473689	58.264	ug/l	98
20) Methylene Chloride	4.967	84	285909	58.210	ug/l	96
21) trans-1,2-Dichloroethene	5.473	96	250896	54.173	ug/l	91
22) Diisopropyl ether	6.361	45	770024	60.649	ug/l	97
23) Vinyl Acetate	6.303	43	1732727	269.026	ug/l	99
24) 1,1-Dichloroethane	6.261	63	460982	53.869	ug/l	98
25) 2-Butanone	7.208	43	295180	264.607	ug/l	95
26) 2,2-Dichloropropane	7.203	77	329762	48.299	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	273945	55.195	ug/l	99
28) Bromochloromethane	7.550	49	193192	57.573	ug/l	98
29) Tetrahydrofuran	7.556	42	204848	303.954	ug/l	100
30) Chloroform	7.708	83	462242	53.818	ug/l	96
31) Cyclohexane	7.985	56	385488	48.562	ug/l	98
32) 1,1,1-Trichloroethane	7.903	97	364082	49.634	ug/l	98
36) 1,1-Dichloropropene	8.114	75	340739	49.605	ug/l	98
37) Ethyl Acetate	7.291	43	139377	54.574	ug/l #	94
38) Carbon Tetrachloride	8.091	117	320314	46.372	ug/l	98
39) Methylcyclohexane	9.350	83	377905	47.810	ug/l	97
40) Benzene	8.350	78	1037876	51.970	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102621\
 Data File : VD070851.D
 Acq On : 26 Oct 2021 20:21
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021

Quant Time: Oct 27 06:24:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	65275	48.316	ug/l #	92
42) 1,2-Dichloroethane	8.420	62	263328	51.789	ug/l	99
43) Isopropyl Acetate	8.450	43	258382	54.426	ug/l	98
44) Trichloroethene	9.108	130	254291	49.284	ug/l	98
45) 1,2-Dichloropropane	9.379	63	278796	52.656	ug/l	98
46) Dibromomethane	9.467	93	138495	53.354	ug/l	99
47) Bromodichloromethane	9.655	83	346290	51.605	ug/l	98
48) Methyl methacrylate	9.450	41	132082	58.230	ug/l	99
49) 1,4-Dioxane	9.455	88	31252	1128.042	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	705369	283.349	ug/l	99
52) Toluene	10.397	92	648753	54.054	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	304369	52.044	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	371139	51.398	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	193452	52.547	ug/l	95
56) Ethyl methacrylate	10.655	69	230594	51.059	ug/l	98
57) 1,3-Dichloropropane	10.938	76	335109	54.023	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	487566	278.581	ug/l	99
59) 2-Hexanone	10.979	43	473415	266.399	ug/l	99
60) Dibromochloromethane	11.132	129	228081	51.634	ug/l	99
61) 1,2-Dibromoethane	11.238	107	179877	52.933	ug/l	100
64) Tetrachloroethene	10.873	164	217614	49.760	ug/l	97
65) Chlorobenzene	11.661	112	673395	51.493	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	246282	50.766	ug/l	99
67) Ethyl Benzene	11.738	91	1198360	52.623	ug/l	99
68) m/p-Xylenes	11.844	106	952131	107.378	ug/l	99
69) o-Xylene	12.173	106	434165	54.062	ug/l	100
70) Styrene	12.185	104	775846	55.780	ug/l	100
71) Bromoform	12.355	173	136199	53.127	ug/l #	100
73) Isopropylbenzene	12.473	105	1104491	51.255	ug/l	100
74) N-amyl acetate	12.279	43	248129	52.355	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	221078	50.276	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	172263m	54.164	ug/l	
77) Bromobenzene	12.749	156	265135	50.497	ug/l	97
78) n-propylbenzene	12.808	91	1411998	51.049	ug/l	99
79) 2-Chlorotoluene	12.896	91	826946	51.491	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	965549	52.794	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	59326	48.959	ug/l	95
82) 4-Chlorotoluene	12.996	91	861886	51.640	ug/l	99
83) tert-Butylbenzene	13.214	119	782090	51.283	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	968761	53.725	ug/l	99
85) sec-Butylbenzene	13.391	105	1194036	49.641	ug/l	99
86) p-Isopropyltoluene	13.502	119	993238	51.327	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	538669	49.682	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	539551	50.178	ug/l	99
89) n-Butylbenzene	13.832	91	932551	49.184	ug/l	99
90) Hexachloroethane	14.096	117	204349	47.058	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	474590	51.297	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	31704	49.487	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	268707	50.264	ug/l	100
94) Hexachlorobutadiene	15.249	225	164512	46.707	ug/l	98
95) Naphthalene	15.385	128	487062	48.167	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	239362	51.526	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102621\
Data File : VD070851.D
Acq On : 26 Oct 2021 20:21
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

Quant Time: Oct 27 06:24:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 27 05:34:47 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\VD102621\
 Data File : VD070851.D
 Acq On : 26 Oct 2021 20:21
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021

Quant Time: Oct 27 06:24:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

