

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040422\
 Data File : VD072511.D
 Acq On : 04 Apr 2022 10:51
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Apr 05 03:17:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

04/05/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	387639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	627972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	584534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	304476	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.326	65	208751	44.517	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.040%
35) Dibromofluoromethane	7.914	113	230755	47.284	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.560%
50) Toluene-d8	10.332	98	786862	46.384	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.760%
62) 4-Bromofluorobenzene	12.626	95	312203	47.124	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.240%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.991	85	161941	52.639	ug/l	96
3) Chloromethane	2.209	50	155431	54.623	ug/l	97
4) Vinyl Chloride	2.350	62	166605	50.922	ug/l	100
5) Bromomethane	2.767	94	122422	55.831	ug/l	97
6) Chloroethane	2.920	64	117863	56.237	ug/l	96
7) Trichlorofluoromethane	3.273	101	380098	56.922	ug/l	100
8) Diethyl Ether	3.714	74	103256	52.034	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.097	101	239846	53.857	ug/l	97
10) Methyl Iodide	4.297	142	196027	47.430	ug/l	99
11) Tert butyl alcohol	5.214	59	58625	236.740	ug/l	100
12) 1,1-Dichloroethene	4.067	96	192842	55.387	ug/l	90
13) Acrolein	3.920	56	19552	177.921	ug/l	97
14) Allyl chloride	4.714	41	297959	48.763	ug/l #	91
15) Acrylonitrile	5.414	53	251066	252.987	ug/l	98
16) Acetone	4.150	43	238211	272.431	ug/l	98
17) Carbon Disulfide	4.403	76	393343	52.007	ug/l	99
18) Methyl Acetate	4.714	43	106293	43.150	ug/l #	87
19) Methyl tert-butyl Ether	5.473	73	539900	53.128	ug/l	98
20) Methylene Chloride	4.961	84	248798	47.795	ug/l	85
21) trans-1,2-Dichloroethene	5.473	96	229261	53.889	ug/l	87
22) Diisopropyl ether	6.361	45	743665	53.162	ug/l #	93
23) Vinyl Acetate	6.303	43	1954680	259.550	ug/l #	91
24) 1,1-Dichloroethane	6.261	63	463081	54.937	ug/l	99
25) 2-Butanone	7.208	43	319801	264.450	ug/l #	87
26) 2,2-Dichloropropane	7.202	77	411571	54.971	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	288120	54.503	ug/l	90
28) Bromochloromethane	7.544	49	187120	51.808	ug/l #	75
29) Tetrahydrofuran	7.561	42	187879	257.330	ug/l #	87
30) Chloroform	7.702	83	516826	54.505	ug/l	95
31) Cyclohexane	7.979	56	331460	54.058	ug/l	92
32) 1,1,1-Trichloroethane	7.897	97	444358	55.252	ug/l	97
36) 1,1-Dichloropropene	8.108	75	333841	53.451	ug/l	97
37) Ethyl Acetate	7.291	43	130532	50.479	ug/l #	91
38) Carbon Tetrachloride	8.097	117	392636	58.400	ug/l	99
39) Methylcyclohexane	9.349	83	375527	51.606	ug/l	95
40) Benzene	8.350	78	989815	58.075	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040422\
 Data File : VD072511.D
 Acq On : 04 Apr 2022 10:51
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Apr 05 03:17:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

04/05/2022
 Supervised By :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	79187	52.319	ug/l #	74
42) 1,2-Dichloroethane	8.420	62	294698	56.570	ug/l	97
43) Isopropyl Acetate	8.449	43	260628	52.544	ug/l #	89
44) Trichloroethene	9.108	130	275920	57.024	ug/l	95
45) 1,2-Dichloropropane	9.379	63	263993	55.681	ug/l	95
46) Dibromomethane	9.473	93	142432	57.260	ug/l	95
47) Bromodichloromethane	9.655	83	398835	55.811	ug/l	98
48) Methyl methacrylate	9.449	41	122649	50.931	ug/l #	79
49) 1,4-Dioxane	9.461	88	32273	1090.697	ug/l #	92
51) 4-Methyl-2-Pentanone	10.220	43	711192	267.211	ug/l	92
52) Toluene	10.396	92	667692	58.970	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	352088	56.540	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	414084	56.242	ug/l #	86
55) 1,1,2-Trichloroethane	10.791	97	212427	56.331	ug/l	98
56) Ethyl methacrylate	10.655	69	241453	52.024	ug/l #	82
57) 1,3-Dichloropropane	10.938	76	344250	55.219	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	482197	258.999	ug/l	94
59) 2-Hexanone	10.979	43	521308	288.031	ug/l	92
60) Dibromochloromethane	11.132	129	277499	57.047	ug/l	97
61) 1,2-Dibromoethane	11.238	107	191278	57.129	ug/l	99
64) Tetrachloroethene	10.867	164	220969	57.859	ug/l	100
65) Chlorobenzene	11.661	112	736994	56.394	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	296630	56.773	ug/l	100
67) Ethyl Benzene	11.738	91	1312436	57.554	ug/l	96
68) m/p-Xylenes	11.843	106	1023810	118.343	ug/l	98
69) o-Xylene	12.173	106	486131	58.240	ug/l	96
70) Styrene	12.185	104	854064	58.057	ug/l	98
71) Bromoform	12.349	173	154346	55.724	ug/l #	98
73) Isopropylbenzene	12.473	105	1339331	54.467	ug/l	99
74) N-amyl acetate	12.279	43	262632	50.903	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.720	83	232483	49.915	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	175568m	52.869	ug/l	
77) Bromobenzene	12.749	156	303380	55.045	ug/l	90
78) n-propylbenzene	12.808	91	1637773	55.210	ug/l	99
79) 2-Chlorotoluene	12.896	91	948868	54.696	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	1151163	54.662	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	72080	53.261	ug/l	88
82) 4-Chlorotoluene	12.996	91	974295	53.925	ug/l	98
83) tert-Butylbenzene	13.214	119	1007523	55.262	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	1144157	55.559	ug/l	100
85) sec-Butylbenzene	13.390	105	1491322	54.305	ug/l	98
86) p-Isopropyltoluene	13.502	119	1242848	55.368	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	623250	54.573	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	609033	52.911	ug/l	99
89) n-Butylbenzene	13.832	91	1182290	55.290	ug/l	98
90) Hexachloroethane	14.096	117	248330	54.041	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	550708	54.672	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	37038	53.770	ug/l	87
93) 1,2,4-Trichlorobenzene	15.149	180	346240	55.454	ug/l	98
94) Hexachlorobutadiene	15.255	225	192387	55.010	ug/l	98
95) Naphthalene	15.384	128	617827	50.925	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	302509	55.513	ug/l	99

04/05/2022

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040422\
Data File : VD072511.D
Acq On : 04 Apr 2022 10:51
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 05 03:17:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/05/2022
Supervised By :Mahesh
Dadoda

04/05/2022

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\VD040422\
Data File : VD072511.D
Acq On : 04 Apr 2022 10:51
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Quant Time: Apr 05 03:17:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/05/2022
Supervised By :Mahesh
Dadoda

04/05/2022

