

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072801.D
 Acq On : 05 May 2022 10:31
 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 :Mahesh
 Dadoda

05/06/2022
 Supervised By :Semsettin
 Yesilyurt

Quant Time: May 06 03:46:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	346871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	568835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	549689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	261109	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	202018	44.866	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.740%
35) Dibromofluoromethane	7.908	113	192919	48.290	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.580%
50) Toluene-d8	10.332	98	692537	48.326	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.660%
62) 4-Bromofluorobenzene	12.620	95	255173	47.755	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	212109	44.251	ug/l	97
3) Chloromethane	2.209	50	207011	41.528	ug/l	99
4) Vinyl Chloride	2.350	62	207751	46.446	ug/l	97
5) Bromomethane	2.762	94	135311	49.153	ug/l	93
6) Chloroethane	2.920	64	123660	44.358	ug/l	98
7) Trichlorofluoromethane	3.273	101	355403	45.375	ug/l	98
8) Diethyl Ether	3.709	74	101081	45.014	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.091	101	215337	46.308	ug/l	98
10) Methyl Iodide	4.297	142	204852	43.896	ug/l	98
11) Tert butyl alcohol	5.203	59	82498	211.765	ug/l	95
12) 1,1-Dichloroethene	4.067	96	193018	46.148	ug/l	95
13) Acrolein	3.914	56	59789	219.038	ug/l	99
14) Allyl chloride	4.708	41	316915	46.931	ug/l	93
15) Acrylonitrile	5.414	53	240997	225.826	ug/l	99
16) Acetone	4.150	43	237913	284.208	ug/l	94
17) Carbon Disulfide	4.403	76	586498	44.596	ug/l	100
18) Methyl Acetate	4.714	43	115756	47.231	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	479332	47.804	ug/l	99
20) Methylene Chloride	4.961	84	259886	48.003	ug/l	88
21) trans-1,2-Dichloroethene	5.467	96	229444	47.832	ug/l	91
22) Diisopropyl ether	6.355	45	700199	47.136	ug/l	95
23) Vinyl Acetate	6.297	43	1987739	242.231	ug/l #	95
24) 1,1-Dichloroethane	6.261	63	406891	45.591	ug/l	100
25) 2-Butanone	7.202	43	320997	244.675	ug/l	94
26) 2,2-Dichloropropane	7.202	77	349688	46.348	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	255120	46.435	ug/l	92
28) Bromochloromethane	7.538	49	164392	49.394	ug/l	86
29) Tetrahydrofuran	7.555	42	196584	235.083	ug/l	92
30) Chloroform	7.702	83	436824	46.257	ug/l	99
31) Cyclohexane	7.979	56	355915	45.218	ug/l	92
32) 1,1,1-Trichloroethane	7.897	97	381535	47.406	ug/l	96
36) 1,1-Dichloropropene	8.102	75	320928	49.404	ug/l	97
37) Ethyl Acetate	7.285	43	139684	46.776	ug/l #	95
38) Carbon Tetrachloride	8.091	117	333346	49.435	ug/l	99
39) Methylcyclohexane	9.349	83	368502	48.906	ug/l	98
40) Benzene	8.344	78	914383	48.743	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072801.D
 Acq On : 05 May 2022 10:31
 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 :Mahesh
 Dadoda

05/06/2022
 Supervised By :Semsettin
 Yesilyurt

Quant Time: May 06 03:46:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.514	41	77712	43.705	ug/l	#	89
42) 1,2-Dichloroethane	8.414	62	272379	48.183	ug/l		98
43) Isopropyl Acetate	8.444	43	270357	49.051	ug/l		94
44) Trichloroethene	9.102	130	241999	48.219	ug/l		94
45) 1,2-Dichloropropane	9.379	63	236918	48.090	ug/l		98
46) Dibromomethane	9.467	93	130094	47.871	ug/l		98
47) Bromodichloromethane	9.655	83	335949	48.054	ug/l		98
48) Methyl methacrylate	9.449	41	138452	51.347	ug/l		94
49) 1,4-Dioxane	9.449	88	28626	935.420	ug/l		96
51) 4-Methyl-2-Pentanone	10.220	43	715677	249.881	ug/l		95
52) Toluene	10.396	92	582939	49.815	ug/l		98
53) t-1,3-Dichloropropene	10.608	75	317178	49.393	ug/l		98
54) cis-1,3-Dichloropropene	10.079	75	374547	50.204	ug/l		92
55) 1,1,2-Trichloroethane	10.791	97	180132	49.032	ug/l		96
56) Ethyl methacrylate	10.649	69	222936	51.539	ug/l		89
57) 1,3-Dichloropropane	10.938	76	307175	48.724	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.932	63	578995	276.081	ug/l		96
59) 2-Hexanone	10.973	43	507214	263.188	ug/l		95
60) Dibromochloromethane	11.132	129	224456	48.534	ug/l		99
61) 1,2-Dibromoethane	11.238	107	172917	48.357	ug/l		99
64) Tetrachloroethene	10.867	164	192423	47.880	ug/l		94
65) Chlorobenzene	11.661	112	618824	48.673	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.732	131	238029	49.816	ug/l		98
67) Ethyl Benzene	11.738	91	1114189	50.638	ug/l		98
68) m/p-Xylenes	11.843	106	858702	101.314	ug/l		99
69) o-Xylene	12.167	106	405618	51.242	ug/l		96
70) Styrene	12.185	104	702101	51.193	ug/l		98
71) Bromoform	12.349	173	125722	48.550	ug/l	#	99
73) Isopropylbenzene	12.467	105	1069129	52.627	ug/l		99
74) N-amyl acetate	12.279	43	258030	51.003	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.720	83	203268	49.567	ug/l		98
76) 1,2,3-Trichloropropane	12.767	75	145371m	49.929	ug/l		
77) Bromobenzene	12.749	156	243191	50.412	ug/l		95
78) n-propylbenzene	12.808	91	1342708	52.442	ug/l		99
79) 2-Chlorotoluene	12.896	91	766465	51.246	ug/l		98
80) 1,3,5-Trimethylbenzene	12.949	105	902868	52.414	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.520	75	62222	49.144	ug/l		91
82) 4-Chlorotoluene	12.990	91	797773	51.050	ug/l		99
83) tert-Butylbenzene	13.208	119	775456	52.951	ug/l		97
84) 1,2,4-Trimethylbenzene	13.255	105	903904	52.497	ug/l		99
85) sec-Butylbenzene	13.390	105	1176447	53.262	ug/l		100
86) p-Isopropyltoluene	13.502	119	964070	53.235	ug/l		100
87) 1,3-Dichlorobenzene	13.502	146	487719	50.187	ug/l		99
88) 1,4-Dichlorobenzene	13.579	146	479884	49.587	ug/l		98
89) n-Butylbenzene	13.826	91	938045	53.471	ug/l		99
90) Hexachloroethane	14.096	117	192110	51.782	ug/l		97
91) 1,2-Dichlorobenzene	13.873	146	424555	50.128	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	31134	47.894	ug/l		96
93) 1,2,4-Trichlorobenzene	15.143	180	257428	51.323	ug/l		100
94) Hexachlorobutadiene	15.249	225	133578	48.763	ug/l		98
95) Naphthalene	15.384	128	484282	52.514	ug/l		99
96) 1,2,3-Trichlorobenzene	15.573	180	228860	51.472	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
Data File : VD072801.D
Acq On : 05 May 2022 10:31
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 06 03:46:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

05/06/2022
Supervised By :Semsettin
Yesilyurt

05/06/2022

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

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

