

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052522\
 Data File : VD073378.D
 Acq On : 25 May 2022 23:36
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/26/2022
 Supervised By :Mahesh Dadoda 05/30/2022

Quant Time: May 26 02:28:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	296928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	492765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	487044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	245308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	165250	50.358	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.720%			
35) Dibromofluoromethane	7.908	113	172194	52.957	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.920%			
50) Toluene-d8	10.332	98	629215	52.495	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.000%			
62) 4-Bromofluorobenzene	12.620	95	234587	55.769	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.540%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	165009	55.615	ug/l	98
3) Chloromethane	2.208	50	164760	49.109	ug/l	100
4) Vinyl Chloride	2.350	62	151372	49.342	ug/l	100
5) Bromomethane	2.761	94	107557	55.100	ug/l	94
6) Chloroethane	2.914	64	94470	50.092	ug/l	97
7) Trichlorofluoromethane	3.267	101	265205	48.889	ug/l	99
8) Diethyl Ether	3.708	74	78822	52.879	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.091	101	154259	47.660	ug/l	96
10) Methyl Iodide	4.297	142	172439	49.381	ug/l	99
11) Tert butyl alcohol	5.232	59	44535	87.474	ug/l #	74
12) 1,1-Dichloroethene	4.061	96	152353	51.056	ug/l	86
13) Acrolein	3.920	56	47420	234.773	ug/l	96
14) Allyl chloride	4.714	41	236980	49.199	ug/l #	91
15) Acrylonitrile	5.414	53	184405	270.542	ug/l	97
16) Acetone	4.155	43	136408	239.992	ug/l	94
17) Carbon Disulfide	4.408	76	510200	51.576	ug/l	98
18) Methyl Acetate	4.714	43	84519	53.476	ug/l	91
19) Methyl tert-butyl Ether	5.473	73	357807	52.633	ug/l	98
20) Methylene Chloride	4.961	84	203180	56.909	ug/l	90
21) trans-1,2-Dichloroethene	5.467	96	184487	51.133	ug/l	91
22) Diisopropyl ether	6.361	45	519371	51.437	ug/l	93
23) Vinyl Acetate	6.302	43	1438489	267.084	ug/l #	93
24) 1,1-Dichloroethane	6.261	63	321082	49.540	ug/l	97
25) 2-Butanone	7.208	43	219017	263.378	ug/l	96
26) 2,2-Dichloropropane	7.202	77	243734	44.097	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	202773	50.792	ug/l	90
28) Bromochloromethane	7.543	49	115225	51.604	ug/l #	81
29) Tetrahydrofuran	7.561	42	149364	277.780	ug/l	92
30) Chloroform	7.708	83	344575	50.924	ug/l	98
31) Cyclohexane	7.979	56	256234	44.683	ug/l	95
32) 1,1,1-Trichloroethane	7.896	97	285414	48.228	ug/l	95
36) 1,1-Dichloropropene	8.108	75	248952	50.907	ug/l	97
37) Ethyl Acetate	7.290	43	103526	53.595	ug/l #	95
38) Carbon Tetrachloride	8.090	117	252184	50.872	ug/l	98
39) Methylcyclohexane	9.349	83	272545	50.008	ug/l	96
40) Benzene	8.343	78	735464	52.183	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052522\
 Data File : VD073378.D
 Acq On : 25 May 2022 23:36
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/26/2022
 Supervised By :Mahesh Dadoda 05/30/2022

Quant Time: May 26 02:28:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	50307	44.700	ug/l #	75
42) 1,2-Dichloroethane	8.414	62	205804	52.479	ug/l	95
43) Isopropyl Acetate	8.449	43	191094	53.522	ug/l #	90
44) Trichloroethene	9.108	130	190764	50.757	ug/l	91
45) 1,2-Dichloropropane	9.379	63	182913	51.533	ug/l	96
46) Dibromomethane	9.467	93	104380	53.545	ug/l	97
47) Bromodichloromethane	9.655	83	261608	52.448	ug/l	99
48) Methyl methacrylate	9.449	41	98147	54.638	ug/l #	86
49) 1,4-Dioxane	9.455	88	23596	1172.093	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	522955	282.008	ug/l	92
52) Toluene	10.396	92	482660	54.193	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	235030	52.157	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	278948	51.729	ug/l #	85
55) 1,1,2-Trichloroethane	10.790	97	142796	54.169	ug/l	96
56) Ethyl methacrylate	10.655	69	168700	57.559	ug/l #	84
57) 1,3-Dichloropropane	10.937	76	244384	55.251	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	390360	277.708	ug/l	95
59) 2-Hexanone	10.973	43	358847	293.517	ug/l	95
60) Dibromochloromethane	11.131	129	177226	53.917	ug/l	100
61) 1,2-Dibromoethane	11.237	107	139481	55.372	ug/l	99
64) Tetrachloroethene	10.867	164	156780	49.147	ug/l	97
65) Chlorobenzene	11.661	112	499333	49.975	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	192386	51.918	ug/l	99
67) Ethyl Benzene	11.737	91	891755	50.841	ug/l	99
68) m/p-Xylenes	11.843	106	708214	103.928	ug/l	98
69) o-Xylene	12.167	106	323368	51.655	ug/l	97
70) Styrene	12.184	104	578140	53.678	ug/l	97
71) Bromoform	12.349	173	103573	54.308	ug/l #	99
73) Isopropylbenzene	12.467	105	846372	48.398	ug/l	99
74) N-amyl acetate	12.278	43	192622	50.491	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	164019	50.854	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	115804m	48.113	ug/l	
77) Bromobenzene	12.749	156	202196	49.117	ug/l	91
78) n-propylbenzene	12.808	91	1062104	48.377	ug/l	99
79) 2-Chlorotoluene	12.896	91	615594	48.563	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	742976	50.154	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	49032	48.906	ug/l	88
82) 4-Chlorotoluene	12.990	91	656236	49.390	ug/l	98
83) tert-Butylbenzene	13.208	119	611801	49.002	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	734604	50.196	ug/l	99
85) sec-Butylbenzene	13.390	105	910135	47.742	ug/l	99
86) p-Isopropyltoluene	13.502	119	758217	48.791	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	405978	48.926	ug/l	100
88) 1,4-Dichlorobenzene	13.578	146	401792	47.969	ug/l	99
89) n-Butylbenzene	13.825	91	714938	48.284	ug/l	99
90) Hexachloroethane	14.096	117	153033	47.592	ug/l	99
91) 1,2-Dichlorobenzene	13.872	146	355217	49.477	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	23957	48.504	ug/l	88
93) 1,2,4-Trichlorobenzene	15.143	180	200031	49.076	ug/l	100
94) Hexachlorobutadiene	15.249	225	106282	46.273	ug/l	97
95) Naphthalene	15.384	128	378823	47.389	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	184125	50.955	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052522\
Data File : VD073378.D
Acq On : 25 May 2022 23:36
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 05/26/2022
Supervised By :Mahesh Dadoda 05/30/2022

Quant Time: May 26 02:28:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration

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

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

Manual Integrations

Reviewed By :Krupa Patel 05/26/2022
Supervised By :Mahesh Dadoda 05/30/2022

Quant Time: May 26 02:28:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration

