

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073293.D
 Acq On : 23 May 2022 20:10
 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 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022

Quant Time: May 24 03:29:13 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	7.967	168	307904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	525336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	506929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	250304	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	178771	52.537	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.080%	
35) Dibromofluoromethane	7.908	113	181617	52.392	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.780%	
50) Toluene-d8	10.332	98	657823	51.479	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.960%	
62) 4-Bromofluorobenzene	12.620	95	239391	53.382	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.760%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.985	85	121514	39.495	ug/l	93
3) Chloromethane	2.203	50	134597	38.689	ug/l	97
4) Vinyl Chloride	2.344	62	124286	39.068	ug/l	99
5) Bromomethane	2.750	94	86275	41.628	ug/l	100
6) Chloroethane	2.909	64	82972	42.427	ug/l	93
7) Trichlorofluoromethane	3.262	101	249290	44.317	ug/l	98
8) Diethyl Ether	3.703	74	81624	52.807	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.085	101	151134	45.030	ug/l	95
10) Methyl Iodide	4.291	142	146569	40.476	ug/l	99
11) Tert butyl alcohol	5.220	59	60545	114.681	ug/l #	85
12) 1,1-Dichloroethene	4.061	96	138070	44.620	ug/l	86
13) Acrolein	3.914	56	53161	255.363	ug/l	98
14) Allyl chloride	4.709	41	237768	47.603	ug/l	91
15) Acrylonitrile	5.414	53	203403	287.776	ug/l	97
16) Acetone	4.156	43	159587	270.764	ug/l	98
17) Carbon Disulfide	4.397	76	394207	38.430	ug/l	98
18) Methyl Acetate	4.709	43	92876	56.669	ug/l #	91
19) Methyl tert-butyl Ether	5.473	73	395657	56.126	ug/l	100
20) Methylene Chloride	4.956	84	204095	54.992	ug/l	89
21) trans-1,2-Dichloroethene	5.461	96	175121	46.807	ug/l	89
22) Diisopropyl ether	6.361	45	556623	53.161	ug/l #	90
23) Vinyl Acetate	6.297	43	1568003	280.753	ug/l #	94
24) 1,1-Dichloroethane	6.250	63	324081	48.221	ug/l	99
25) 2-Butanone	7.208	43	245889	285.152	ug/l #	89
26) 2,2-Dichloropropane	7.197	77	249177	43.474	ug/l	96
27) cis-1,2-Dichloroethene	7.202	96	203027	49.042	ug/l	89
28) Bromochloromethane	7.544	49	120547	52.063	ug/l #	84
29) Tetrahydrofuran	7.555	42	167153	299.781	ug/l	91
30) Chloroform	7.702	83	348989	49.738	ug/l	99
31) Cyclohexane	7.979	56	250011	42.044	ug/l	87
32) 1,1,1-Trichloroethane	7.897	97	288149	46.955	ug/l	96
36) 1,1-Dichloropropene	8.102	75	236620	45.385	ug/l	96
37) Ethyl Acetate	7.285	43	118015	57.307	ug/l #	94
38) Carbon Tetrachloride	8.085	117	250934	47.482	ug/l	98
39) Methylcyclohexane	9.349	83	261496	45.006	ug/l	99
40) Benzene	8.344	78	716598	47.692	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073293.D
 Acq On : 23 May 2022 20:10
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 24 03:29:13 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

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	72650	60.550	ug/l	95
42) 1,2-Dichloroethane	8.414	62	215982	51.660	ug/l	97
43) Isopropyl Acetate	8.444	43	225890	59.345	ug/l #	95
44) Trichloroethene	9.102	130	190025	47.425	ug/l	96
45) 1,2-Dichloropropane	9.379	63	194863	51.496	ug/l	95
46) Dibromomethane	9.467	93	109552	52.714	ug/l	97
47) Bromodichloromethane	9.655	83	276765	52.047	ug/l	98
48) Methyl methacrylate	9.449	41	110797	57.856	ug/l	88
49) 1,4-Dioxane	9.455	88	26650	1241.720	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	608755	307.923	ug/l	94
52) Toluene	10.396	92	478229	50.367	ug/l	100
53) t-1,3-Dichloropropene	10.608	75	254214	52.917	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	294135	51.163	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	153658	54.676	ug/l	97
56) Ethyl methacrylate	10.649	69	188712	60.394	ug/l #	85
57) 1,3-Dichloropropane	10.938	76	254818	54.038	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	423831	282.427	ug/l	96
59) 2-Hexanone	10.973	43	416893	319.853	ug/l	95
60) Dibromochloromethane	11.126	129	186043	53.090	ug/l	100
61) 1,2-Dibromoethane	11.238	107	146517	54.559	ug/l	98
64) Tetrachloroethene	10.867	164	152806	46.022	ug/l	97
65) Chlorobenzene	11.661	112	501616	48.234	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	197790	51.282	ug/l	99
67) Ethyl Benzene	11.732	91	889317	48.714	ug/l	97
68) m/p-Xylenes	11.843	106	704655	99.349	ug/l	98
69) o-Xylene	12.167	106	330763	50.764	ug/l	96
70) Styrene	12.179	104	594601	53.041	ug/l	97
71) Bromoform	12.349	173	113053	56.953	ug/l #	98
73) Isopropylbenzene	12.467	105	862268	48.323	ug/l	99
74) N-amyl acetate	12.279	43	219283	56.332	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	178081	54.112	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	122609m	49.924	ug/l	
77) Bromobenzene	12.749	156	208014	49.521	ug/l	95
78) n-propylbenzene	12.808	91	1078446	48.141	ug/l	99
79) 2-Chlorotoluene	12.896	91	630987	48.783	ug/l	98
80) 1,3,5-Trimethylbenzene	12.943	105	752770	49.801	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	57296	56.008	ug/l	87
82) 4-Chlorotoluene	12.990	91	672349	49.593	ug/l	99
83) tert-Butylbenzene	13.208	119	610424	47.916	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	751270	50.310	ug/l	100
85) sec-Butylbenzene	13.385	105	938512	48.248	ug/l	99
86) p-Isopropyltoluene	13.502	119	779536	49.162	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	416473	49.189	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	414016	48.442	ug/l	99
89) n-Butylbenzene	13.826	91	736603	48.755	ug/l	99
90) Hexachloroethane	14.096	117	155901	47.517	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	371552	50.719	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	27972	55.502	ug/l	90
93) 1,2,4-Trichlorobenzene	15.143	180	214254	51.516	ug/l	99
94) Hexachlorobutadiene	15.249	225	109607	46.768	ug/l	97
95) Naphthalene	15.379	128	430604	52.388	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	194986	52.884	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
Data File : VD073293.D
Acq On : 23 May 2022 20:10
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 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

Quant Time: May 24 03:29:13 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

