

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
 Data File : VD073701.D
 Acq On : 25 Jun 2022 10:38
 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 : Semsettin Yesilyurt 06/30/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 27 09:33:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	217494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	337009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	330408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	174697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	131787	49.334	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.660%		
35) Dibromofluoromethane	7.909	113	138803	52.871	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	105.740%		
50) Toluene-d8	10.332	98	484042	51.350	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.700%		
62) 4-Bromofluorobenzene	12.620	95	196250	55.510	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	111.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	84707	43.881	ug/l	95
3) Chloromethane	2.209	50	76845	42.767	ug/l	97
4) Vinyl Chloride	2.344	62	84096	42.926	ug/l	96
5) Bromomethane	2.756	94	58430	44.561	ug/l	88
6) Chloroethane	2.915	64	56795	43.041	ug/l	98
7) Trichlorofluoromethane	3.262	101	208070	45.406	ug/l	94
8) Diethyl Ether	3.703	74	56412	48.006	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.085	101	124154	47.236	ug/l	99
10) Methyl Iodide	4.291	142	111644	44.626	ug/l	98
11) Tert butyl alcohol	5.209	59	66262	208.928	ug/l #	100
12) 1,1-Dichloroethene	4.062	96	104942	46.954	ug/l	98
13) Acrolein	3.921	56	12590	278.912	ug/l	90
14) Allyl chloride	4.703	41	157260	47.725	ug/l	99
15) Acrylonitrile	5.415	53	139245	247.569	ug/l	99
16) Acetone	4.150	43	124710	291.393	ug/l	99
17) Carbon Disulfide	4.409	76	233275	41.365	ug/l	99
18) Methyl Acetate	4.709	43	59390	47.959	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	292398	50.238	ug/l	99
20) Methylene Chloride	4.956	84	137079	49.897	ug/l	93
21) trans-1,2-Dichloroethene	5.467	96	121907	45.848	ug/l	96
22) Diisopropyl ether	6.356	45	385047	52.047	ug/l	97
23) Vinyl Acetate	6.297	43	1060168	273.342	ug/l	100
24) 1,1-Dichloroethane	6.262	63	235512	47.798	ug/l	98
25) 2-Butanone	7.203	43	174564	259.309	ug/l	99
26) 2,2-Dichloropropane	7.203	77	222732	47.989	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	150711	48.197	ug/l	98
28) Bromochloromethane	7.538	49	95696	55.033	ug/l	99
29) Tetrahydrofuran	7.556	42	106428	260.057	ug/l	98
30) Chloroform	7.703	83	268717	48.453	ug/l	99
31) Cyclohexane	7.979	56	176722	44.098	ug/l	95
32) 1,1,1-Trichloroethane	7.891	97	237741	47.726	ug/l	99
36) 1,1-Dichloropropene	8.109	75	179359	48.668	ug/l	99
37) Ethyl Acetate	7.285	43	76952	53.201	ug/l	97
38) Carbon Tetrachloride	8.091	117	209302	48.778	ug/l	99
39) Methylcyclohexane	9.350	83	194978	47.651	ug/l	92
40) Benzene	8.344	78	525556	49.263	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
 Data File : VD073701.D
 Acq On : 25 Jun 2022 10:38
 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: Jun 27 09:33:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/30/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	48702	55.775	ug/l	95
42) 1,2-Dichloroethane	8.414	62	157704	49.063	ug/l	99
43) Isopropyl Acetate	8.444	43	148300	52.251	ug/l	99
44) Trichloroethene	9.108	130	146562	47.830	ug/l	88
45) 1,2-Dichloropropane	9.379	63	135060	50.497	ug/l	97
46) Dibromomethane	9.467	93	76019	48.961	ug/l	97
47) Bromodichloromethane	9.650	83	204147	50.166	ug/l	93
48) Methyl methacrylate	9.450	41	75917	52.706	ug/l	99
49) 1,4-Dioxane	9.450	88	19542	1127.227	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	404061	277.034	ug/l	99
52) Toluene	10.397	92	353971	50.637	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	191969	51.854	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	219904	52.179	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	111268	50.837	ug/l	98
56) Ethyl methacrylate	10.650	69	135195	54.805	ug/l	93
57) 1,3-Dichloropropane	10.938	76	185018	51.268	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.932	63	270575	282.641	ug/l	98
59) 2-Hexanone	10.973	43	289854	294.368	ug/l	99
60) Dibromochloromethane	11.132	129	149515	51.835	ug/l	95
61) 1,2-Dibromoethane	11.238	107	103769	50.087	ug/l	95
64) Tetrachloroethene	10.867	164	121715	46.524	ug/l	96
65) Chlorobenzene	11.661	112	390466	48.285	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	159073	48.956	ug/l	96
67) Ethyl Benzene	11.732	91	697323	49.411	ug/l	99
68) m/p-Xylenes	11.844	106	545373	100.002	ug/l	98
69) o-Xylene	12.173	106	258097	51.024	ug/l	100
70) Styrene	12.185	104	457468	51.680	ug/l	100
71) Bromoform	12.349	173	86603	48.964	ug/l #	99
73) Isopropylbenzene	12.467	105	705722	49.472	ug/l	99
74) N-amyl acetate	12.279	43	151033	51.742	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	132693	49.304	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	91799m	53.997	ug/l	
77) Bromobenzene	12.749	156	167409	48.801	ug/l	100
78) n-propylbenzene	12.808	91	875265	50.199	ug/l	100
79) 2-Chlorotoluene	12.896	91	498519	49.084	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	614772	50.270	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	42824	51.426	ug/l	95
82) 4-Chlorotoluene	12.991	91	530994	49.179	ug/l	99
83) tert-Butylbenzene	13.208	119	544087	50.613	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	607569	50.577	ug/l	100
85) sec-Butylbenzene	13.385	105	808892	51.161	ug/l	99
86) p-Isopropyltoluene	13.502	119	670782	50.962	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	346927	48.564	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	340187	48.116	ug/l	99
89) n-Butylbenzene	13.826	91	629171	51.048	ug/l	99
90) Hexachloroethane	14.096	117	137877	50.817	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	307028	49.952	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	21453	47.748	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	187660	51.124	ug/l	97
94) Hexachlorobutadiene	15.243	225	104969	50.433	ug/l	96
95) Naphthalene	15.379	128	337949	51.503	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	160773	50.136	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
 Data File : VD073701.D
 Acq On : 25 Jun 2022 10:38
 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 :Semsettin Yesilyurt 06/30/2022
 Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 27 09:33:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

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

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

