

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062222\
 Data File : VD073649.D
 Acq On : 22 Jun 2022 10:22
 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 23 09:25:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 05:24:45 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	240454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	390224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	367017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	189051	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	140908	50.930	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.860%			
35) Dibromofluoromethane	7.903	113	140332	49.572	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.140%			
50) Toluene-d8	10.332	98	494178	48.773	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.540%			
62) 4-Bromofluorobenzene	12.620	95	187372	50.427	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	93729	44.992	ug/l	99
3) Chloromethane	2.209	50	94131	44.798	ug/l	96
4) Vinyl Chloride	2.350	62	95182	48.045	ug/l	98
5) Bromomethane	2.762	94	72401	52.477	ug/l	99
6) Chloroethane	2.920	64	63718	49.700	ug/l	97
7) Trichlorofluoromethane	3.267	101	206944	45.092	ug/l	100
8) Diethyl Ether	3.703	74	64139	53.571	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.091	101	120588	45.485	ug/l	98
10) Methyl Iodide	4.297	142	139199	54.203	ug/l	98
11) Tert butyl alcohol	5.214	59	59569	317.170	ug/l	98
12) 1,1-Dichloroethene	4.062	96	108963	47.020	ug/l	98
13) Acrolein	3.920	56	24432	241.053	ug/l	98
14) Allyl chloride	4.709	41	175441	52.613	ug/l	98
15) Acrylonitrile	5.409	53	154221	283.931	ug/l	98
16) Acetone	4.150	43	128815	292.866	ug/l	97
17) Carbon Disulfide	4.409	76	288553	43.193	ug/l	98
18) Methyl Acetate	4.720	43	65269	54.383	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	317777	57.956	ug/l	99
20) Methylene Chloride	4.956	84	149496	51.986	ug/l	94
21) trans-1,2-Dichloroethene	5.467	96	133198	48.342	ug/l	99
22) Diisopropyl ether	6.356	45	411263	54.970	ug/l	96
23) Vinyl Acetate	6.297	43	1164302	297.603	ug/l	100
24) 1,1-Dichloroethane	6.261	63	251089	50.121	ug/l	97
25) 2-Butanone	7.203	43	186063	290.595	ug/l	94
26) 2,2-Dichloropropane	7.197	77	230287	50.035	ug/l	100
27) cis-1,2-Dichloroethene	7.197	96	163718	51.508	ug/l	98
28) Bromochloromethane	7.538	49	97251	51.829	ug/l	98
29) Tetrahydrofuran	7.561	42	118901	299.427	ug/l	98
30) Chloroform	7.703	83	283695	50.022	ug/l	96
31) Cyclohexane	7.979	56	186535	44.314	ug/l	96
32) 1,1,1-Trichloroethane	7.897	97	241009	47.757	ug/l	100
36) 1,1-Dichloropropene	8.103	75	183334	46.236	ug/l	99
37) Ethyl Acetate	7.285	43	84968	55.693	ug/l	98
38) Carbon Tetrachloride	8.085	117	211185	46.894	ug/l	99
39) Methylcyclohexane	9.350	83	202855	46.170	ug/l	99
40) Benzene	8.344	78	555700	48.449	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	46639	55.226	ug/l	97
42) 1,2-Dichloroethane	8.414	62	175678	51.274	ug/l	99
43) Isopropyl Acetate	8.444	43	161227	56.136	ug/l	97
44) Trichloroethene	9.102	130	153672	47.040	ug/l	97
45) 1,2-Dichloropropane	9.379	63	143653	49.838	ug/l	98
46) Dibromomethane	9.467	93	84007	51.324	ug/l	99
47) Bromodichloromethane	9.655	83	218399	51.273	ug/l	99
48) Methyl methacrylate	9.450	41	80877	55.631	ug/l	96
49) 1,4-Dioxane	9.450	88	20048	1105.305	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	427641	290.012	ug/l	99
52) Toluene	10.397	92	367802	49.061	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	210057	53.851	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	232946	51.078	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	116859	50.559	ug/l	96
56) Ethyl methacrylate	10.649	69	140959	55.265	ug/l	97
57) 1,3-Dichloropropane	10.938	76	197592	51.906	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	290287	283.001	ug/l	97
59) 2-Hexanone	10.973	43	295952	291.041	ug/l	98
60) Dibromochloromethane	11.132	129	152682	50.672	ug/l	100
61) 1,2-Dibromoethane	11.238	107	114364	51.649	ug/l	99
64) Tetrachloroethene	10.867	164	123911	45.608	ug/l	93
65) Chlorobenzene	11.661	112	411527	50.214	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	162825	51.267	ug/l	100
67) Ethyl Benzene	11.738	91	708837	50.873	ug/l	98
68) m/p-Xylenes	11.844	106	551691	100.545	ug/l	99
69) o-Xylene	12.167	106	262542	51.336	ug/l	100
70) Styrene	12.185	104	469363	53.518	ug/l	99
71) Bromoform	12.349	173	90015	52.051	ug/l #	98
73) Isopropylbenzene	12.467	105	686790	50.348	ug/l	99
74) N-amyl acetate	12.279	43	153403	55.641	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	136333	53.148	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	97176m	53.110	ug/l	
77) Bromobenzene	12.749	156	171632	51.703	ug/l	99
78) n-propylbenzene	12.808	91	853436	51.080	ug/l	100
79) 2-Chlorotoluene	12.896	91	500602	51.082	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	597379	51.278	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	44175	55.717	ug/l	96
82) 4-Chlorotoluene	12.991	91	532754	50.933	ug/l	99
83) tert-Butylbenzene	13.208	119	519018	51.466	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	594691	51.749	ug/l	100
85) sec-Butylbenzene	13.390	105	750083	50.020	ug/l	99
86) p-Isopropyltoluene	13.502	119	632366	51.052	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	341050	49.799	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	340203	50.122	ug/l	100
89) n-Butylbenzene	13.826	91	583979	50.143	ug/l	100
90) Hexachloroethane	14.096	117	126550	47.836	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	301180	50.976	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	21694	54.154	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	179821	52.246	ug/l	99
94) Hexachlorobutadiene	15.249	225	93366	47.867	ug/l	98
95) Naphthalene	15.384	128	348948	52.206	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	160182	53.500	ug/l	96

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

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