

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040822\
 Data File : VD072575.D
 Acq On : 08 Apr 2022 22:39
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 09 00:39:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/11/2022
 Supervised By :Semsettin Yesilyurt 04/11/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	358644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	617480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	582642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	293360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	217805	50.203	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.400%	
35) Dibromofluoromethane	7.908	113	235478	49.071	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.140%	
50) Toluene-d8	10.332	98	812954	48.737	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.480%	
62) 4-Bromofluorobenzene	12.620	95	319002	48.968	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.940%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	139480	49.004	ug/l	98
3) Chloromethane	2.209	50	162290	61.644	ug/l	95
4) Vinyl Chloride	2.344	62	156159	51.575	ug/l	96
5) Bromomethane	2.762	94	113628	56.010	ug/l	92
6) Chloroethane	2.914	64	115342	59.484	ug/l	94
7) Trichlorofluoromethane	3.273	101	330740	53.535	ug/l	96
8) Diethyl Ether	3.709	74	108318	58.998	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.097	101	215891	52.397	ug/l	97
10) Methyl Iodide	4.297	142	177148	46.414	ug/l	100
11) Tert butyl alcohol	5.214	59	67925	296.471	ug/l	98
12) 1,1-Dichloroethene	4.067	96	179968	55.869	ug/l	92
13) Acrolein	3.932	56	10491	103.185	ug/l	92
14) Allyl chloride	4.709	41	298482	52.705	ug/l	92
15) Acrylonitrile	5.414	53	266300	290.032	ug/l	97
16) Acetone	4.156	43	185408	229.186	ug/l	91
17) Carbon Disulfide	4.409	76	366323	52.327	ug/l	100
18) Methyl Acetate	4.720	43	112368	49.304	ug/l #	90
19) Methyl tert-butyl Ether	5.479	73	561169	59.685	ug/l	100
20) Methylene Chloride	4.961	84	268408	55.731	ug/l	84
21) trans-1,2-Dichloroethene	5.467	96	219444	55.725	ug/l	91
22) Diisopropyl ether	6.361	45	767568	59.307	ug/l #	92
23) Vinyl Acetate	6.297	43	1983148	284.012	ug/l #	92
24) 1,1-Dichloroethane	6.261	63	459062	58.863	ug/l	97
25) 2-Butanone	7.208	43	299388	267.586	ug/l	91
26) 2,2-Dichloropropane	7.202	77	356489	51.463	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	289125	59.115	ug/l	90
28) Bromochloromethane	7.538	49	188980	56.554	ug/l #	79
29) Tetrahydrofuran	7.555	42	200401	296.671	ug/l	90
30) Chloroform	7.702	83	503808	57.428	ug/l	98
31) Cyclohexane	7.979	56	301155	53.087	ug/l	90
32) 1,1,1-Trichloroethane	7.897	97	428903	57.642	ug/l	95
36) 1,1-Dichloropropene	8.108	75	315931	51.485	ug/l	96
37) Ethyl Acetate	7.291	43	144955	57.009	ug/l #	93
38) Carbon Tetrachloride	8.091	117	351788	53.213	ug/l	98
39) Methylcyclohexane	9.349	83	336937	47.341	ug/l	94
40) Benzene	8.344	78	971460	57.967	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	87583	58.643	ug/l #	89
42) 1,2-Dichloroethane	8.420	62	288970	56.413	ug/l	95
43) Isopropyl Acetate	8.444	43	280786	57.569	ug/l #	91
44) Trichloroethene	9.108	130	268620	56.458	ug/l	95
45) 1,2-Dichloropropane	9.379	63	264924	56.827	ug/l	99
46) Dibromomethane	9.467	93	141043	57.665	ug/l	95
47) Bromodichloromethane	9.655	83	396316	56.401	ug/l	100
48) Methyl methacrylate	9.449	41	141864	59.911	ug/l	87
49) 1,4-Dioxane	9.455	88	30979	1064.755	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	746328	285.177	ug/l	92
52) Toluene	10.396	92	654756	58.810	ug/l	95
53) t-1,3-Dichloropropene	10.608	75	337614	55.137	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	398570	55.055	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	216523	58.393	ug/l	93
56) Ethyl methacrylate	10.655	69	248884	54.479	ug/l	86
57) 1,3-Dichloropropane	10.938	76	344125	56.137	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	465367	254.206	ug/l	93
59) 2-Hexanone	10.973	43	503516	282.928	ug/l	93
60) Dibromochloromethane	11.132	129	271119	56.682	ug/l	98
61) 1,2-Dibromoethane	11.238	107	188632	57.296	ug/l	99
64) Tetrachloroethene	10.867	164	204738	53.783	ug/l	98
65) Chlorobenzene	11.661	112	712102	54.666	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	287484	55.201	ug/l	99
67) Ethyl Benzene	11.738	91	1269566	55.855	ug/l	98
68) m/p-Xylenes	11.843	106	984600	114.181	ug/l	97
69) o-Xylene	12.173	106	477950	57.446	ug/l	95
70) Styrene	12.185	104	833544	56.846	ug/l	97
71) Bromoform	12.349	173	150427	54.485	ug/l #	99
73) Isopropylbenzene	12.467	105	1282712	54.141	ug/l	100
74) N-amyl acetate	12.279	43	274864	55.293	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.720	83	231299	51.542	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	199629m	62.392	ug/l	
77) Bromobenzene	12.749	156	287574	54.154	ug/l	94
78) n-propylbenzene	12.808	91	1517083	53.080	ug/l	98
79) 2-Chlorotoluene	12.896	91	899034	53.787	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	1085334	53.489	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	64680	49.604	ug/l	90
82) 4-Chlorotoluene	12.990	91	934595	53.687	ug/l	100
83) tert-Butylbenzene	13.208	119	959039	54.596	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	1074364	54.146	ug/l	99
85) sec-Butylbenzene	13.390	105	1383041	52.270	ug/l	98
86) p-Isopropyltoluene	13.502	119	1137247	52.583	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	578383	52.563	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	570014	51.397	ug/l	99
89) n-Butylbenzene	13.826	91	1059356	51.418	ug/l	99
90) Hexachloroethane	14.096	117	227862	51.465	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	519846	53.564	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	35672	53.749	ug/l	85
93) 1,2,4-Trichlorobenzene	15.143	180	312975	52.026	ug/l	99
94) Hexachlorobutadiene	15.249	225	174445	51.769	ug/l	98
95) Naphthalene	15.384	128	597942	51.154	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	278568	53.056	ug/l	99

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

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