

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011322\
 Data File : VD071701.D
 Acq On : 13 Jan 2022 10:23
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 13 14:29:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/14/2022
 Supervised By :Mahesh Dadoda 01/14/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	314359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	520205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	480426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	231151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	212328	52.493	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.980%			
35) Dibromofluoromethane	7.914	113	178767	51.999	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.000%			
50) Toluene-d8	10.338	98	676264	52.549	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.100%			
62) 4-Bromofluorobenzene	12.626	95	235659	51.967	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	111292	46.680	ug/l	100
3) Chloromethane	2.215	50	147222	47.075	ug/l	96
4) Vinyl Chloride	2.350	62	181518	46.441	ug/l	94
5) Bromomethane	2.767	94	120231	45.991	ug/l	97
6) Chloroethane	2.920	64	128571	46.159	ug/l	99
7) Trichlorofluoromethane	3.273	101	245754	44.353	ug/l	98
8) Diethyl Ether	3.709	74	69629	47.780	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	153609	47.431	ug/l	97
10) Methyl Iodide	4.303	142	133779	43.204	ug/l	98
11) Tert butyl alcohol	5.214	59	70469	377.361	ug/l #	86
12) 1,1-Dichloroethene	4.067	96	126969	45.180	ug/l	87
13) Acrolein	3.920	56	84911	215.076	ug/l	97
14) Allyl chloride	4.714	41	260399	46.730	ug/l	98
15) Acrylonitrile	5.420	53	189155	245.612	ug/l	98
16) Acetone	4.156	43	258119	276.398	ug/l	99
17) Carbon Disulfide	4.414	76	305378	43.355	ug/l	99
18) Methyl Acetate	4.714	43	133082	49.622	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	362164	48.820	ug/l	98
20) Methylene Chloride	4.961	84	161515	46.597	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	142609	44.436	ug/l	98
22) Diisopropyl ether	6.355	45	580438	48.374	ug/l	96
23) Vinyl Acetate	6.303	43	1462892	261.251	ug/l	99
24) 1,1-Dichloroethane	6.261	63	314104	45.861	ug/l	96
25) 2-Butanone	7.208	43	284113	257.496	ug/l	93
26) 2,2-Dichloropropane	7.208	77	274946	47.806	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	177331	46.814	ug/l	99
28) Bromochloromethane	7.544	49	148562	44.527	ug/l	97
29) Tetrahydrofuran	7.561	42	159507	251.295	ug/l	98
30) Chloroform	7.708	83	326349	46.597	ug/l	98
31) Cyclohexane	7.979	56	260594	46.563	ug/l #	94
32) 1,1,1-Trichloroethane	7.902	97	289403	46.883	ug/l	98
36) 1,1-Dichloropropene	8.108	75	230566	47.015	ug/l	99
37) Ethyl Acetate	7.291	43	114492	50.303	ug/l	97
38) Carbon Tetrachloride	8.097	117	245809	49.495	ug/l	97
39) Methylcyclohexane	9.349	83	248272	46.870	ug/l	98
40) Benzene	8.349	78	634816	46.982	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	68369	48.750	ug/l	94
42) 1,2-Dichloroethane	8.420	62	218863	47.851	ug/l	98
43) Isopropyl Acetate	8.444	43	222914	52.029	ug/l	99
44) Trichloroethene	9.108	130	160598	46.185	ug/l	93
45) 1,2-Dichloropropane	9.385	63	174235	47.701	ug/l	98
46) Dibromomethane	9.473	93	89327	47.779	ug/l	97
47) Bromodichloromethane	9.655	83	250146	48.734	ug/l	99
48) Methyl methacrylate	9.449	41	114897	53.068	ug/l	92
49) 1,4-Dioxane	9.455	88	19952	1064.468	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	609042	269.117	ug/l	100
52) Toluene	10.396	92	411810	48.419	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	226976	50.409	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	263113	49.559	ug/l	96
55) 1,1,2-Trichloroethane	10.796	97	124328	50.727	ug/l	96
56) Ethyl methacrylate	10.655	69	156921	52.233	ug/l	98
57) 1,3-Dichloropropane	10.938	76	223267	49.296	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	446895	269.464	ug/l	100
59) 2-Hexanone	10.979	43	444790	281.394	ug/l	100
60) Dibromochloromethane	11.138	129	157063	50.345	ug/l	98
61) 1,2-Dibromoethane	11.238	107	116749	49.789	ug/l	95
64) Tetrachloroethene	10.873	164	130601	46.279	ug/l	98
65) Chlorobenzene	11.661	112	434682	47.282	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	167951	48.180	ug/l	97
67) Ethyl Benzene	11.738	91	812263	48.126	ug/l	99
68) m/p-Xylenes	11.849	106	616793	98.259	ug/l	99
69) o-Xylene	12.173	106	291687	49.094	ug/l	96
70) Styrene	12.185	104	508593	49.942	ug/l	99
71) Bromoform	12.349	173	87684	51.515	ug/l #	99
73) Isopropylbenzene	12.473	105	789143	47.506	ug/l	97
74) N-amyl acetate	12.279	43	215574	52.905	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	149754	50.875	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	106042m	47.477	ug/l	
77) Bromobenzene	12.755	156	166561	46.420	ug/l	96
78) n-propylbenzene	12.814	91	1001332	47.931	ug/l	99
79) 2-Chlorotoluene	12.896	91	557690	47.363	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	665830	47.973	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	42732	53.337	ug/l	97
82) 4-Chlorotoluene	12.996	91	585521	47.932	ug/l	100
83) tert-Butylbenzene	13.214	119	571449	48.184	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	662185	48.245	ug/l	99
85) sec-Butylbenzene	13.390	105	883054	48.613	ug/l	100
86) p-Isopropyltoluene	13.508	119	736413	49.378	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	353017	47.673	ug/l	98
88) 1,4-Dichlorobenzene	13.584	146	345321	45.711	ug/l	100
89) n-Butylbenzene	13.832	91	721977	48.339	ug/l	99
90) Hexachloroethane	14.102	117	139280	47.203	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	304228	47.938	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	24192	51.135	ug/l	98
93) 1,2,4-Trichlorobenzene	15.149	180	181742	49.692	ug/l	99
94) Hexachlorobutadiene	15.255	225	102236	47.682	ug/l	100
95) Naphthalene	15.384	128	341690	52.767	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	156902	50.346	ug/l	99

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

