

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031122\
 Data File : VD072156.D
 Acq On : 11 Mar 2022 18:03
 Operator : VA/SY
 Sample : VD0311SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0311SBS01

Quant Time: Mar 14 04:00:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 03:10:12 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/16/2022
 Supervised By :Semsettin Yesilyurt 03/16/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	378850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	616061	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	572757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	286538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	207218	49.080	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.160%		
35) Dibromofluoromethane	7.914	113	211336	48.748	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.500%		
50) Toluene-d8	10.332	98	780319	49.225	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.460%		
62) 4-Bromofluorobenzene	12.620	95	291754	47.368	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	62294	17.777	ug/l	96
3) Chloromethane	2.209	50	51155	16.429	ug/l	100
4) Vinyl Chloride	2.350	62	49734	16.547	ug/l	95
5) Bromomethane	2.756	94	32775	16.746	ug/l	95
6) Chloroethane	2.914	64	34061	17.140	ug/l	99
7) Trichlorofluoromethane	3.273	101	118310	17.430	ug/l	93
8) Diethyl Ether	3.709	74	33454	17.845	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	78187	18.065	ug/l	97
10) Methyl Iodide	4.291	142	52869	15.254	ug/l	97
11) Tert butyl alcohol	5.220	59	23841	97.389	ug/l	99
12) 1,1-Dichloroethene	4.067	96	58109	16.689	ug/l	87
13) Acrolein	3.920	56	22679	103.822	ug/l	100
14) Allyl chloride	4.714	41	101962	16.749	ug/l	91
15) Acrylonitrile	5.414	53	91718	96.963	ug/l	98
16) Acetone	4.156	43	70136	76.510	ug/l #	85
17) Carbon Disulfide	4.408	76	97252	13.117	ug/l	100
18) Methyl Acetate	4.714	43	49188	21.896	ug/l	96
19) Methyl tert-butyl Ether	5.485	73	176860	18.688	ug/l	96
20) Methylene Chloride	4.961	84	90052	15.402	ug/l	88
21) trans-1,2-Dichloroethene	5.473	96	65538	17.018	ug/l	82
22) Diisopropyl ether	6.367	45	264278	19.032	ug/l	90
23) Vinyl Acetate	6.308	43	628666	88.712	ug/l #	95
24) 1,1-Dichloroethane	6.267	63	150445	18.371	ug/l	97
25) 2-Butanone	7.208	43	111231	91.006	ug/l	91
26) 2,2-Dichloropropane	7.208	77	126787	17.159	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	87002	17.695	ug/l	95
28) Bromochloromethane	7.544	49	59980	18.193	ug/l #	79
29) Tetrahydrofuran	7.561	42	67493	93.910	ug/l	94
30) Chloroform	7.708	83	165598	18.981	ug/l	99
31) Cyclohexane	7.979	56	106708	16.177	ug/l #	88
32) 1,1,1-Trichloroethane	7.897	97	142550	18.397	ug/l	95
36) 1,1-Dichloropropene	8.114	75	100309	16.493	ug/l	97
37) Ethyl Acetate	7.297	43	50211	18.847	ug/l	95
38) Carbon Tetrachloride	8.091	117	118280	17.109	ug/l	98
39) Methylcyclohexane	9.349	83	104108	15.212	ug/l	99
40) Benzene	8.349	78	289838	16.705	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	32889m	21.181	ug/l	
42) 1,2-Dichloroethane	8.426	62	95119	18.072	ug/l	98
43) Isopropyl Acetate	8.449	43	95643	18.496	ug/l	96
44) Trichloroethene	9.108	130	80491	16.525	ug/l	94
45) 1,2-Dichloropropane	9.379	63	82720	17.384	ug/l	97
46) Dibromomethane	9.473	93	43053	18.393	ug/l	94
47) Bromodichloromethane	9.655	83	126812	18.584	ug/l #	97
48) Methyl methacrylate	9.455	41	40871	16.553	ug/l #	79
49) 1,4-Dioxane	9.461	88	11194	398.800	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	260210	95.811	ug/l	98
52) Toluene	10.396	92	198710	17.404	ug/l	95
53) t-1,3-Dichloropropene	10.614	75	111842	17.939	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	129201	17.927	ug/l	89
55) 1,1,2-Trichloroethane	10.796	97	66328	18.602	ug/l	94
56) Ethyl methacrylate	10.655	69	73557	17.612	ug/l	91
57) 1,3-Dichloropropane	10.938	76	107965	18.041	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	177888	94.728	ug/l	97
59) 2-Hexanone	10.979	43	169246	90.228	ug/l	97
60) Dibromochloromethane	11.132	129	84502	18.263	ug/l	98
61) 1,2-Dibromoethane	11.238	107	55729	17.296	ug/l	97
64) Tetrachloroethene	10.873	164	70350	17.433	ug/l	98
65) Chlorobenzene	11.661	112	227056	17.882	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	90022	17.928	ug/l	97
67) Ethyl Benzene	11.738	91	390867	17.235	ug/l	100
68) m/p-Xylenes	11.843	106	299239	34.749	ug/l	99
69) o-Xylene	12.173	106	147761	17.939	ug/l	94
70) Styrene	12.185	104	255448	17.760	ug/l	99
71) Bromoform	12.349	173	51392	19.160	ug/l #	99
73) Isopropylbenzene	12.473	105	414159	18.240	ug/l	100
74) N-amyl acetate	12.279	43	93134	19.086	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	77938	19.192	ug/l	96
76) 1,2,3-Trichloropropane	12.767	75	59018m	18.672	ug/l	
77) Bromobenzene	12.755	156	94792	18.548	ug/l	94
78) n-propylbenzene	12.808	91	504277	18.284	ug/l	98
79) 2-Chlorotoluene	12.896	91	290216	18.197	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	369209	18.927	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	23609	18.532	ug/l	95
82) 4-Chlorotoluene	12.996	91	304232	18.423	ug/l	98
83) tert-Butylbenzene	13.214	119	311750	18.228	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	359827	18.721	ug/l	98
85) sec-Butylbenzene	13.390	105	472428	18.394	ug/l	98
86) p-Isopropyltoluene	13.502	119	397415	18.804	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	198350	18.518	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	200010	18.831	ug/l	98
89) n-Butylbenzene	13.832	91	375441	18.638	ug/l	99
90) Hexachloroethane	14.096	117	76237	18.405	ug/l	94
91) 1,2-Dichlorobenzene	13.879	146	176678	18.919	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	12574	19.401	ug/l	86
93) 1,2,4-Trichlorobenzene	15.143	180	115155	18.625	ug/l	98
94) Hexachlorobutadiene	15.249	225	67330	18.721	ug/l	99
95) Naphthalene	15.384	128	198690	18.643	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	100495	18.778	ug/l	98

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

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