

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080822\
 Data File : VD073978.D
 Acq On : 08 Aug 2022 17:53
 Operator : VA/SY
 Sample : VD0808SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0808SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022

Quant Time: Aug 08 18:18:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 06 00:36:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	141503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	229075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	219177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	116642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	59513	55.317	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.640%			
35) Dibromofluoromethane	7.903	113	70179	49.727	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.460%			
50) Toluene-d8	10.326	98	192660	49.569	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.140%			
62) 4-Bromofluorobenzene	12.620	95	96304	51.202	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.400%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	30042	20.822	ug/l	93
3) Chloromethane	2.209	50	43607	21.031	ug/l	97
4) Vinyl Chloride	2.344	62	60828	21.786	ug/l	95
5) Bromomethane	2.750	94	36812	18.998	ug/l	92
6) Chloroethane	2.909	64	40434	20.720	ug/l	96
7) Trichlorofluoromethane	3.250	101	69526	25.789	ug/l	91
8) Diethyl Ether	3.703	74	14039	22.365	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.079	101	32845	21.697	ug/l	98
10) Methyl Iodide	4.291	142	30385	20.390	ug/l	98
11) Tert butyl alcohol	5.232	59	11366	106.844	ug/l #	84
12) 1,1-Dichloroethene	4.056	96	28547	21.329	ug/l	98
13) Acrolein	3.921	56	3459	64.028	ug/l	100
14) Allyl chloride	4.709	41	37286	20.988	ug/l	96
15) Acrylonitrile	5.420	53	29819	111.153	ug/l	96
16) Acetone	4.156	43	25372	107.353	ug/l	94
17) Carbon Disulfide	4.403	76	82669	19.689	ug/l	96
18) Methyl Acetate	4.715	43	15245	22.601	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	68459	22.038	ug/l	96
20) Methylene Chloride	4.956	84	52113	25.454	ug/l	94
21) trans-1,2-Dichloroethene	5.467	96	32838	20.303	ug/l #	95
22) Diisopropyl ether	6.362	45	84060	21.964	ug/l	96
23) Vinyl Acetate	6.297	43	195420	95.123	ug/l	97
24) 1,1-Dichloroethane	6.250	63	57868	21.958	ug/l	99
25) 2-Butanone	7.209	43	41020	113.224	ug/l	93
26) 2,2-Dichloropropane	7.203	77	57751	22.072	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	38461	21.975	ug/l	97
28) Bromochloromethane	7.538	49	17017	20.192	ug/l	96
29) Tetrahydrofuran	7.561	42	24295	113.532	ug/l	95
30) Chloroform	7.697	83	65886	22.127	ug/l	92
31) Cyclohexane	7.979	56	48372	20.071	ug/l	95
32) 1,1,1-Trichloroethane	7.891	97	62288	21.980	ug/l	97
36) 1,1-Dichloropropene	8.103	75	47476	21.308	ug/l	97
37) Ethyl Acetate	7.291	43	19112	23.067	ug/l	99
38) Carbon Tetrachloride	8.097	117	55168	22.234	ug/l	97
39) Methylcyclohexane	9.344	83	53518	21.007	ug/l	92
40) Benzene	8.344	78	130912	21.636	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.509	41	7603	17.374	ug/l #	73
42) 1,2-Dichloroethane	8.420	62	40413	22.016	ug/l	99
43) Isopropyl Acetate	8.444	43	36185	22.350	ug/l	99
44) Trichloroethene	9.103	130	38437	22.069	ug/l	86
45) 1,2-Dichloropropane	9.379	63	31069	21.907	ug/l	91
46) Dibromomethane	9.467	93	21415	22.919	ug/l	96
47) Bromodichloromethane	9.655	83	52213	22.942	ug/l	96
48) Methyl methacrylate	9.450	41	16975	22.928	ug/l	96
49) 1,4-Dioxane	9.450	88	4568	460.469	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	91669	113.799	ug/l	98
52) Toluene	10.391	92	86703	21.665	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	45204	22.069	ug/l	95
54) cis-1,3-Dichloropropene	10.079	75	52157	22.327	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	26294	22.212	ug/l	92
56) Ethyl methacrylate	10.650	69	27292	21.226	ug/l	98
57) 1,3-Dichloropropane	10.938	76	43276	22.526	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	43873	92.504	ug/l	96
59) 2-Hexanone	10.973	43	59686	111.864	ug/l	99
60) Dibromochloromethane	11.132	129	35864	22.614	ug/l	100
61) 1,2-Dibromoethane	11.232	107	26294	22.213	ug/l	98
64) Tetrachloroethene	10.867	164	32001	20.813	ug/l	94
65) Chlorobenzene	11.661	112	95764	21.629	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	37722	22.279	ug/l	97
67) Ethyl Benzene	11.732	91	165518	21.538	ug/l	100
68) m/p-Xylenes	11.838	106	131266	42.140	ug/l	100
69) o-Xylene	12.167	106	58787	20.550	ug/l	93
70) Styrene	12.179	104	102893	21.052	ug/l	99
71) Bromoform	12.344	173	20963	21.666	ug/l #	99
73) Isopropylbenzene	12.467	105	159536	19.993	ug/l	99
74) N-amyl acetate	12.273	43	32885	20.773	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	30234	20.897	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	19708m	18.336	ug/l	
77) Bromobenzene	12.749	156	38149	20.295	ug/l	94
78) n-propylbenzene	12.808	91	198859	20.248	ug/l	98
79) 2-Chlorotoluene	12.891	91	110600	20.020	ug/l	100
80) 1,3,5-Trimethylbenzene	12.944	105	143233	21.107	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.514	75	8080	18.873	ug/l	95
82) 4-Chlorotoluene	12.991	91	119710	20.338	ug/l	100
83) tert-Butylbenzene	13.208	119	118998	20.440	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	140169	20.640	ug/l	99
85) sec-Butylbenzene	13.385	105	178948	20.100	ug/l	98
86) p-Isopropyltoluene	13.496	119	148351	19.649	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	80462	20.446	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	79620	20.148	ug/l	95
89) n-Butylbenzene	13.826	91	143698	20.732	ug/l	97
90) Hexachloroethane	14.091	117	29557	20.165	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	70792	20.874	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	5416	22.839	ug/l	83
93) 1,2,4-Trichlorobenzene	15.143	180	41418	20.493	ug/l	97
94) Hexachlorobutadiene	15.249	225	23100	20.727	ug/l	98
95) Naphthalene	15.379	128	74259	20.066	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	37788	20.730	ug/l	95

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

