

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022522\
 Data File : VD072094.D
 Acq On : 25 Feb 2022 12:12
 Operator : VA/SY
 Sample : VD0225SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0225SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/28/2022
 Supervised By : Mahesh Dadoda 02/28/2022

Quant Time: Feb 26 05:40:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	464808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	753517	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	695220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	341517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	248005	51.438	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.880%			
35) Dibromofluoromethane	7.914	113	231325	50.670	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.340%			
50) Toluene-d8	10.338	98	885350	52.294	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.580%			
62) 4-Bromofluorobenzene	12.626	95	320413	51.522	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	81523	18.602	ug/l	99
3) Chloromethane	2.209	50	72894	18.549	ug/l	100
4) Vinyl Chloride	2.350	62	67922	17.168	ug/l	99
5) Bromomethane	2.750	94	43715	16.200	ug/l	87
6) Chloroethane	2.915	64	44321	17.724	ug/l	97
7) Trichlorofluoromethane	3.267	101	146523	19.143	ug/l	99
8) Diethyl Ether	3.714	74	41305	18.930	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	88429	18.491	ug/l	100
10) Methyl Iodide	4.303	142	68630	15.172	ug/l	98
11) Tert butyl alcohol	5.226	59	32936	119.726	ug/l #	92
12) 1,1-Dichloroethene	4.062	96	71717	16.884	ug/l	96
13) Acrolein	3.926	56	50252	92.636	ug/l	94
14) Allyl chloride	4.709	41	128961	17.324	ug/l	97
15) Acrylonitrile	5.420	53	120423	102.113	ug/l	99
16) Acetone	4.162	43	101250	97.169	ug/l	98
17) Carbon Disulfide	4.409	76	157125	13.775	ug/l	99
18) Methyl Acetate	4.714	43	61295	22.522	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	210094	20.332	ug/l	94
20) Methylene Chloride	4.967	84	100718	19.421	ug/l	96
21) trans-1,2-Dichloroethene	5.473	96	82617	17.310	ug/l	91
22) Diisopropyl ether	6.367	45	299219	19.249	ug/l	98
23) Vinyl Acetate	6.303	43	820625	98.858	ug/l	100
24) 1,1-Dichloroethane	6.267	63	173084	18.717	ug/l	99
25) 2-Butanone	7.208	43	146722	101.879	ug/l	95
26) 2,2-Dichloropropane	7.208	77	144091	19.472	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	103490	18.926	ug/l	98
28) Bromochloromethane	7.550	49	73152	18.556	ug/l	98
29) Tetrahydrofuran	7.561	42	92782	100.947	ug/l	99
30) Chloroform	7.708	83	185503	19.538	ug/l	99
31) Cyclohexane	7.985	56	137758	16.176	ug/l	98
32) 1,1,1-Trichloroethane	7.902	97	159587	19.531	ug/l	98
36) 1,1-Dichloropropene	8.108	75	122693	17.742	ug/l	99
37) Ethyl Acetate	7.297	43	67050	20.909	ug/l	96
38) Carbon Tetrachloride	8.097	117	138700	19.568	ug/l	97
39) Methylcyclohexane	9.349	83	135977	16.800	ug/l	97
40) Benzene	8.350	78	357750	18.333	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	42002	21.121	ug/l	93
42) 1,2-Dichloroethane	8.420	62	116226	19.856	ug/l	100
43) Isopropyl Acetate	8.450	43	119574	20.023	ug/l	99
44) Trichloroethene	9.108	130	100391	18.876	ug/l	98
45) 1,2-Dichloropropane	9.385	63	100674	19.341	ug/l	95
46) Dibromomethane	9.473	93	54707	19.915	ug/l	96
47) Bromodichloromethane	9.655	83	143331	20.227	ug/l	99
48) Methyl methacrylate	9.455	41	57359	19.015	ug/l #	87
49) 1,4-Dioxane	9.461	88	13607	417.562	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	332324	105.006	ug/l	99
52) Toluene	10.402	92	237518	19.020	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	134106	20.694	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	151650	19.772	ug/l	95
55) 1,1,2-Trichloroethane	10.796	97	80490	20.822	ug/l	97
56) Ethyl methacrylate	10.655	69	96536	20.912	ug/l	97
57) 1,3-Dichloropropane	10.938	76	132040	19.762	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	222642	107.805	ug/l	98
59) 2-Hexanone	10.979	43	226188	104.781	ug/l	99
60) Dibromochloromethane	11.132	129	98306	20.364	ug/l	95
61) 1,2-Dibromoethane	11.243	107	71493	19.353	ug/l	98
64) Tetrachloroethene	10.873	164	86289	19.660	ug/l	97
65) Chlorobenzene	11.667	112	264020	19.595	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	102983	20.593	ug/l	99
67) Ethyl Benzene	11.738	91	458652	19.359	ug/l	98
68) m/p-Xylenes	11.849	106	357064	39.369	ug/l	100
69) o-Xylene	12.173	106	166553	19.521	ug/l	96
70) Styrene	12.191	104	298833	20.410	ug/l	99
71) Bromoform	12.349	173	61712	21.517	ug/l #	99
73) Isopropylbenzene	12.473	105	464642	19.815	ug/l	100
74) N-amyl acetate	12.279	43	115895	20.468	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	99687	21.502	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	64474m	19.931	ug/l	
77) Bromobenzene	12.749	156	107324	19.545	ug/l	94
78) n-propylbenzene	12.814	91	573134	19.886	ug/l	98
79) 2-Chlorotoluene	12.896	91	331159	19.852	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	399133	20.385	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	29968	23.199	ug/l	97
82) 4-Chlorotoluene	12.996	91	344225	19.827	ug/l	99
83) tert-Butylbenzene	13.214	119	338506	20.122	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	397527	20.653	ug/l	99
85) sec-Butylbenzene	13.390	105	518279	20.224	ug/l	100
86) p-Isopropyltoluene	13.508	119	435143	20.645	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	226218	20.380	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	223361	20.026	ug/l	99
89) n-Butylbenzene	13.832	91	412505	20.581	ug/l	99
90) Hexachloroethane	14.096	117	82776	19.565	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	197325	20.271	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.490	75	16288	22.552	ug/l	96
93) 1,2,4-Trichlorobenzene	15.149	180	126182	21.104	ug/l	98
94) Hexachlorobutadiene	15.255	225	71274	21.678	ug/l	98
95) Naphthalene	15.384	128	236370	21.777	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	109013	21.137	ug/l	98

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

