

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042122\
 Data File : VD072673.D
 Acq On : 21 Apr 2022 16:17
 Operator : VA/SY
 Sample : VD0421SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0421SBS01

Quant Time: Apr 22 03:41:23 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 :Semsettin Yesilyurt 04/22/2022
 Supervised By :Mahesh Dadoda 04/22/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	339482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	587932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	559799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	286371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	232225	56.548	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.100%			
35) Dibromofluoromethane	7.908	113	241318	52.816	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.640%			
50) Toluene-d8	10.332	98	819698	51.611	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.220%			
62) 4-Bromofluorobenzene	12.620	95	329517	53.124	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	49476	18.364	ug/l	92
3) Chloromethane	2.209	50	51285	20.580	ug/l	96
4) Vinyl Chloride	2.350	62	51593	18.620	ug/l	97
5) Bromomethane	2.744	94	38105	19.843	ug/l	89
6) Chloroethane	2.909	64	39743	21.653	ug/l	98
7) Trichlorofluoromethane	3.268	101	129133	22.082	ug/l	97
8) Diethyl Ether	3.709	74	41521	23.892	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.091	101	88607	22.719	ug/l	96
10) Methyl Iodide	4.297	142	58760	18.688	ug/l	97
11) Tert butyl alcohol	5.191	59	73824	340.405	ug/l #	74
12) 1,1-Dichloroethene	4.068	96	62874	20.620	ug/l	86
13) Acrolein	3.926	56	15172	157.649	ug/l	94
14) Allyl chloride	4.715	41	113948	21.929	ug/l	91
15) Acrylonitrile	5.415	53	119158	137.102	ug/l	97
16) Acetone	4.150	43	88505	115.578	ug/l	92
17) Carbon Disulfide	4.409	76	77962	14.576	ug/l	99
18) Methyl Acetate	4.720	43	70094	32.491	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	236082	26.527	ug/l	99
20) Methylene Chloride	4.962	84	117191	25.707	ug/l #	86
21) trans-1,2-Dichloroethene	5.467	96	73309	20.155	ug/l	90
22) Diisopropyl ether	6.356	45	315805	25.778	ug/l #	94
23) Vinyl Acetate	6.303	43	729905m	114.276	ug/l	
24) 1,1-Dichloroethane	6.262	63	182341	24.700	ug/l	98
25) 2-Butanone	7.209	43	138358	130.641	ug/l	92
26) 2,2-Dichloropropane	7.209	77	158435	24.163	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	111842	24.158	ug/l	92
28) Bromochloromethane	7.544	49	76039	24.040	ug/l #	81
29) Tetrahydrofuran	7.561	42	83763	131.001	ug/l #	89
30) Chloroform	7.708	83	215990	26.010	ug/l	93
31) Cyclohexane	7.979	56	99817	18.589	ug/l #	87
32) 1,1,1-Trichloroethane	7.897	97	174595	24.789	ug/l	95
36) 1,1-Dichloropropene	8.108	75	109107	19.390	ug/l	95
37) Ethyl Acetate	7.291	43	61252	25.300	ug/l #	93
38) Carbon Tetrachloride	8.097	117	139344	22.137	ug/l	95
39) Methylcyclohexane	9.350	83	116932	19.083	ug/l	100
40) Benzene	8.350	78	356950	22.370	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	33976m	24.875	ug/l	
42) 1,2-Dichloroethane	8.420	62	120425	24.691	ug/l	96
43) Isopropyl Acetate	8.450	43	130688	28.142	ug/l #	96
44) Trichloroethene	9.108	130	99683	22.004	ug/l	100
45) 1,2-Dichloropropane	9.379	63	110623	24.922	ug/l	91
46) Dibromomethane	9.467	93	56931	24.446	ug/l	99
47) Bromodichloromethane	9.655	83	171747	25.670	ug/l	98
48) Methyl methacrylate	9.450	41	59895	26.566	ug/l	92
49) 1,4-Dioxane	9.461	88	14298	516.123	ug/l #	93
51) 4-Methyl-2-Pentanone	10.220	43	341738	137.143	ug/l	92
52) Toluene	10.397	92	244400	23.055	ug/l	95
53) t-1,3-Dichloropropene	10.614	75	142534	24.448	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	164543	23.871	ug/l	91
55) 1,1,2-Trichloroethane	10.791	97	97493	27.614	ug/l	98
56) Ethyl methacrylate	10.655	69	104818	24.761	ug/l #	86
57) 1,3-Dichloropropane	10.938	76	149452	25.605	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	219966	126.195	ug/l	95
59) 2-Hexanone	10.973	43	234138	138.175	ug/l	97
60) Dibromochloromethane	11.132	129	117198	25.734	ug/l	99
61) 1,2-Dibromoethane	11.238	107	80494	25.678	ug/l	98
64) Tetrachloroethene	10.867	164	77039	21.063	ug/l	99
65) Chlorobenzene	11.661	112	290454	23.207	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	125910	25.163	ug/l	98
67) Ethyl Benzene	11.738	91	489295	22.405	ug/l	98
68) m/p-Xylenes	11.844	106	375133	45.278	ug/l	100
69) o-Xylene	12.173	106	189238	23.673	ug/l	97
70) Styrene	12.185	104	337838	23.980	ug/l	97
71) Bromoform	12.349	173	69708	26.279	ug/l #	100
73) Isopropylbenzene	12.467	105	532565	23.027	ug/l	100
74) N-amyl acetate	12.279	43	124437	25.643	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	111256	25.397	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	79689m	25.514	ug/l	
77) Bromobenzene	12.749	156	121624	23.462	ug/l	96
78) n-propylbenzene	12.808	91	633708	22.713	ug/l	99
79) 2-Chlorotoluene	12.896	91	382358	23.434	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	460840	23.266	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	30177	23.708	ug/l	92
82) 4-Chlorotoluene	12.991	91	401262	23.613	ug/l	100
83) tert-Butylbenzene	13.208	119	415078	24.206	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	459530	23.725	ug/l	100
85) sec-Butylbenzene	13.391	105	608496	23.558	ug/l	99
86) p-Isopropyltoluene	13.502	119	500814	23.721	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	253869	23.635	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	258334	23.862	ug/l	100
89) n-Butylbenzene	13.826	91	472792	23.508	ug/l	99
90) Hexachloroethane	14.096	117	102487	23.713	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	232119	24.501	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	18035	27.838	ug/l	88
93) 1,2,4-Trichlorobenzene	15.143	180	143519	24.439	ug/l	98
94) Hexachlorobutadiene	15.249	225	81024	24.632	ug/l	99
95) Naphthalene	15.385	128	289200	25.345	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	127437	24.864	ug/l	98

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

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