

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022322\
 Data File : VD072070.D
 Acq On : 23 Feb 2022 11:58
 Operator : VA/SY
 Sample : VD0223SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0223SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/24/2022
 Supervised By : Mahesh Dadoda 02/24/2022

Quant Time: Feb 24 06:46:01 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	7.973	168	438102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	717242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	673716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	337532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	250072	55.028	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.060%			
35) Dibromofluoromethane	7.914	113	234343	53.927	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.860%			
50) Toluene-d8	10.332	98	885565	54.952	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.900%			
62) 4-Bromofluorobenzene	12.620	95	313603	52.978	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.960%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	75983	18.395	ug/l	100
3) Chloromethane	2.209	50	71589	19.316	ug/l	99
4) Vinyl Chloride	2.350	62	62715	16.818	ug/l	94
5) Bromomethane	2.750	94	39581	15.474	ug/l	99
6) Chloroethane	2.909	64	40112	17.018	ug/l	97
7) Trichlorofluoromethane	3.268	101	130205	18.048	ug/l	95
8) Diethyl Ether	3.709	74	38291	18.618	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.091	101	78914	17.508	ug/l	95
10) Methyl Iodide	4.297	142	53593	13.072	ug/l	99
11) Tert butyl alcohol	5.226	59	29654	114.366	ug/l #	80
12) 1,1-Dichloroethene	4.068	96	66966	16.727	ug/l	99
13) Acrolein	3.921	56	47777	93.443	ug/l	98
14) Allyl chloride	4.715	41	118651	16.911	ug/l	97
15) Acrylonitrile	5.420	53	111085	99.937	ug/l	99
16) Acetone	4.162	43	92966	94.658	ug/l	96
17) Carbon Disulfide	4.409	76	148994	13.854	ug/l	97
18) Methyl Acetate	4.720	43	55242	21.484	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	193872	19.906	ug/l	100
20) Methylene Chloride	4.962	84	90333	18.481	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	78289	17.403	ug/l	91
22) Diisopropyl ether	6.362	45	279839	19.100	ug/l	98
23) Vinyl Acetate	6.297	43	765657	97.858	ug/l	99
24) 1,1-Dichloroethane	6.262	63	157882	18.114	ug/l	98
25) 2-Butanone	7.209	43	135289	99.666	ug/l	99
26) 2,2-Dichloropropane	7.209	77	128164	18.375	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	96477	18.719	ug/l	98
28) Bromochloromethane	7.544	49	75175	20.232	ug/l	96
29) Tetrahydrofuran	7.556	42	85307	98.472	ug/l	98
30) Chloroform	7.709	83	173691	19.409	ug/l	96
31) Cyclohexane	7.985	56	126756	15.792	ug/l	93
32) 1,1,1-Trichloroethane	7.903	97	146763	19.057	ug/l	96
36) 1,1-Dichloropropene	8.108	75	115144	17.492	ug/l	98
37) Ethyl Acetate	7.291	43	60087	19.685	ug/l	96
38) Carbon Tetrachloride	8.097	117	126312	18.722	ug/l	98
39) Methylcyclohexane	9.350	83	122682	15.924	ug/l	97
40) Benzene	8.344	78	330494	17.793	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	35644	18.831	ug/l	97
42) 1,2-Dichloroethane	8.420	62	107623	19.316	ug/l	100
43) Isopropyl Acetate	8.450	43	112345	19.764	ug/l	99
44) Trichloroethene	9.108	130	93379	18.445	ug/l	95
45) 1,2-Dichloropropane	9.379	63	90867	18.340	ug/l	92
46) Dibromomethane	9.473	93	51561	19.720	ug/l	96
47) Bromodichloromethane	9.655	83	137123	20.330	ug/l #	94
48) Methyl methacrylate	9.450	41	50852	17.710	ug/l #	84
49) 1,4-Dioxane	9.461	88	13044	420.530	ug/l #	96
51) 4-Methyl-2-Pentanone	10.220	43	308748	102.491	ug/l	99
52) Toluene	10.397	92	219765	18.488	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	124673	20.211	ug/l	95
54) cis-1,3-Dichloropropene	10.085	75	140502	19.245	ug/l	94
55) 1,1,2-Trichloroethane	10.791	97	74908	20.358	ug/l	99
56) Ethyl methacrylate	10.655	69	86389	19.660	ug/l	98
57) 1,3-Dichloropropane	10.938	76	126174	19.840	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.938	63	222576	113.224	ug/l	98
59) 2-Hexanone	10.979	43	207308	100.892	ug/l	98
60) Dibromochloromethane	11.132	129	93003	20.240	ug/l	96
61) 1,2-Dibromoethane	11.238	107	68098	19.367	ug/l	99
64) Tetrachloroethene	10.873	164	81379	19.133	ug/l	97
65) Chlorobenzene	11.661	112	243545	18.652	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	96986	20.013	ug/l	99
67) Ethyl Benzene	11.738	91	415559	18.100	ug/l	98
68) m/p-Xylenes	11.849	106	325679	37.054	ug/l	99
69) o-Xylene	12.173	106	150442	18.196	ug/l	93
70) Styrene	12.185	104	274692	19.360	ug/l	99
71) Bromoform	12.349	173	57278	20.608	ug/l #	96
73) Isopropylbenzene	12.473	105	422702	18.239	ug/l	100
74) N-amyl acetate	12.279	43	106301	18.996	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	90056	19.654	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	70136m	21.937	ug/l	
77) Bromobenzene	12.749	156	104197	19.199	ug/l	97
78) n-propylbenzene	12.808	91	525287	18.441	ug/l	99
79) 2-Chlorotoluene	12.896	91	311746	18.909	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	366215	18.924	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	26351	20.640	ug/l	94
82) 4-Chlorotoluene	12.996	91	320920	18.703	ug/l	99
83) tert-Butylbenzene	13.214	119	315331	18.965	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	367257	19.306	ug/l	99
85) sec-Butylbenzene	13.391	105	480998	18.991	ug/l	99
86) p-Isopropyltoluene	13.502	119	397825	19.097	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	210381	19.177	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	208714	18.934	ug/l	98
89) n-Butylbenzene	13.832	91	371210	18.739	ug/l	99
90) Hexachloroethane	14.096	117	75281	18.003	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	190628	19.815	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.496	75	13857	19.413	ug/l	92
93) 1,2,4-Trichlorobenzene	15.143	180	113720	19.244	ug/l	96
94) Hexachlorobutadiene	15.249	225	64377	19.812	ug/l	96
95) Naphthalene	15.385	128	213694	19.920	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	102894	20.186	ug/l	97

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

