

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
 Data File : VD072423.D
 Acq On : 25 Mar 2022 11:49
 Operator : VA/SY
 Sample : VD0325SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0325SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/29/2022
 Supervised By :Semsettin Yesilyurt 03/29/2022

Quant Time: Mar 26 00:08:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	374604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	615840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	579067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	289492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	226234	54.191	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.380%			
35) Dibromofluoromethane	7.914	113	223073	51.474	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.940%			
50) Toluene-d8	10.338	98	800081	50.490	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.980%			
62) 4-Bromofluorobenzene	12.626	95	311028	50.515	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	64342	18.570	ug/l	92
3) Chloromethane	2.209	50	59754	19.408	ug/l	100
4) Vinyl Chloride	2.350	62	61893	20.826	ug/l	98
5) Bromomethane	2.756	94	39968	20.652	ug/l	97
6) Chloroethane	2.915	64	44201	22.495	ug/l	94
7) Trichlorofluoromethane	3.273	101	135251	20.152	ug/l	100
8) Diethyl Ether	3.715	74	40933	22.082	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	90797	21.217	ug/l	97
10) Methyl Iodide	4.303	142	61015	17.432	ug/l	97
11) Tert butyl alcohol	5.220	59	31499	130.131	ug/l	98
12) 1,1-Dichloroethene	4.068	96	66501	19.316	ug/l	85
13) Acrolein	3.926	56	20096	93.040	ug/l	92
14) Allyl chloride	4.715	41	130164	21.623	ug/l	95
15) Acrylonitrile	5.420	53	117386	125.505	ug/l	96
16) Acetone	4.156	43	111508	123.020	ug/l	97
17) Carbon Disulfide	4.409	76	97268	13.250	ug/l	97
18) Methyl Acetate	4.709	43	68715	30.935	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	226154	24.167	ug/l	99
20) Methylene Chloride	4.962	84	104498	19.355	ug/l	89
21) trans-1,2-Dichloroethene	5.473	96	73405	19.276	ug/l	96
22) Diisopropyl ether	6.362	45	346434	25.232	ug/l	91
23) Vinyl Acetate	6.303	43	795364	113.507	ug/l	97
24) 1,1-Dichloroethane	6.262	63	187207	23.119	ug/l	98
25) 2-Butanone	7.209	43	156433	129.439	ug/l	94
26) 2,2-Dichloropropane	7.203	77	161425	22.095	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	106195	21.843	ug/l	97
28) Bromochloromethane	7.544	49	65429	20.071	ug/l	91
29) Tetrahydrofuran	7.567	42	90137	126.839	ug/l	97
30) Chloroform	7.703	83	204171	23.668	ug/l	95
31) Cyclohexane	7.985	56	121996	18.704	ug/l	90
32) 1,1,1-Trichloroethane	7.897	97	169848	22.169	ug/l	97
36) 1,1-Dichloropropene	8.108	75	118296	19.458	ug/l	99
37) Ethyl Acetate	7.285	43	66208	24.861	ug/l	98
38) Carbon Tetrachloride	8.091	117	141608	20.491	ug/l	98
39) Methylcyclohexane	9.350	83	123898	18.110	ug/l	97
40) Benzene	8.350	78	359784	20.743	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	43273	27.878	ug/l	95
42) 1,2-Dichloroethane	8.420	62	117383	22.310	ug/l	96
43) Isopropyl Acetate	8.450	43	127422	24.651	ug/l	95
44) Trichloroethene	9.114	130	98181	20.164	ug/l	95
45) 1,2-Dichloropropane	9.385	63	108830	22.879	ug/l	99
46) Dibromomethane	9.467	93	53159	22.719	ug/l	96
47) Bromodichloromethane	9.655	83	158415	23.224	ug/l	100
48) Methyl methacrylate	9.450	41	61650	24.978	ug/l	94
49) 1,4-Dioxane	9.455	88	13188	470.007	ug/l	99
51) 4-Methyl-2-Pentanone	10.220	43	344383	126.850	ug/l	95
52) Toluene	10.397	92	238350	20.884	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	138368	22.202	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	162752	22.590	ug/l	93
55) 1,1,2-Trichloroethane	10.791	97	87924	24.667	ug/l	98
56) Ethyl methacrylate	10.655	69	98841	23.675	ug/l	93
57) 1,3-Dichloropropane	10.938	76	138486	23.149	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	179146	95.432	ug/l	98
59) 2-Hexanone	10.979	43	254045	135.484	ug/l	99
60) Dibromochloromethane	11.132	129	106066	22.932	ug/l	100
61) 1,2-Dibromoethane	11.244	107	73345	22.772	ug/l	100
64) Tetrachloroethene	10.873	164	79481	19.481	ug/l	95
65) Chlorobenzene	11.667	112	275171	21.435	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	113905	22.437	ug/l	99
67) Ethyl Benzene	11.738	91	480616	20.961	ug/l	99
68) m/p-Xylenes	11.844	106	366771	42.127	ug/l	100
69) o-Xylene	12.173	106	180302	21.651	ug/l	97
70) Styrene	12.191	104	321140	22.083	ug/l	97
71) Bromoform	12.349	173	62807	23.161	ug/l #	97
73) Isopropylbenzene	12.473	105	513003	22.362	ug/l	99
74) N-amyl acetate	12.279	43	129835	26.336	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	102238	24.918	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	81479m	25.515	ug/l	
77) Bromobenzene	12.755	156	114287	22.134	ug/l	96
78) n-propylbenzene	12.814	91	624534	22.413	ug/l	99
79) 2-Chlorotoluene	12.896	91	358667	22.260	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	446669	22.664	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	30018	23.323	ug/l	95
82) 4-Chlorotoluene	12.996	91	377471	22.625	ug/l	100
83) tert-Butylbenzene	13.214	119	383290	22.183	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	437627	22.536	ug/l	100
85) sec-Butylbenzene	13.391	105	582339	22.443	ug/l	100
86) p-Isopropyltoluene	13.502	119	476558	22.319	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	240283	22.204	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	243027	22.648	ug/l	100
89) n-Butylbenzene	13.832	91	465229	22.859	ug/l	99
90) Hexachloroethane	14.102	117	95553	22.833	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	215912	22.885	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	15926	24.322	ug/l	94
93) 1,2,4-Trichlorobenzene	15.149	180	135858	21.750	ug/l	99
94) Hexachlorobutadiene	15.255	225	78985	21.738	ug/l	97
95) Naphthalene	15.385	128	246233	22.868	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	118771	21.967	ug/l	100

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

