

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
 Data File : VD073684.D
 Acq On : 24 Jun 2022 13:32
 Operator : VA/SY
 Sample : VD0624SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0624SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022
 Supervised By :Semsettin Yesilyurt 06/28/2022

Quant Time: Jun 25 07:20:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	212381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	342026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	334483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	175639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	126708	48.575	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.140%		
35) Dibromofluoromethane	7.909	113	132405	49.694	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.380%		
50) Toluene-d8	10.332	98	452862	47.338	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.680%		
62) 4-Bromofluorobenzene	12.620	95	181933	50.705	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	41634	19.761	ug/l	98
3) Chloromethane	2.209	50	36684	19.574	ug/l	95
4) Vinyl Chloride	2.344	62	37966	19.846	ug/l	91
5) Bromomethane	2.744	94	26667	18.456	ug/l	94
6) Chloroethane	2.909	64	24809	19.254	ug/l	94
7) Trichlorofluoromethane	3.256	101	87493	19.553	ug/l	97
8) Diethyl Ether	3.703	74	22283	19.419	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.085	101	50370	19.625	ug/l	99
10) Methyl Iodide	4.291	142	46972	19.227	ug/l	97
11) Tert butyl alcohol	5.191	59	53112	134.144	ug/l #	100
12) 1,1-Dichloroethene	4.056	96	43051	19.726	ug/l	93
13) Acrolein	3.920	56	4037	91.587	ug/l #	58
14) Allyl chloride	4.709	41	64044	19.904	ug/l	99
15) Acrylonitrile	5.409	53	59418	108.185	ug/l	99
16) Acetone	4.150	43	46660	106.870	ug/l	99
17) Carbon Disulfide	4.403	76	106255	19.295	ug/l	97
18) Methyl Acetate	4.715	43	29890	23.732	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	116602	20.516	ug/l	100
20) Methylene Chloride	4.962	84	65642	21.087	ug/l	85
21) trans-1,2-Dichloroethene	5.462	96	52485	20.214	ug/l	98
22) Diisopropyl ether	6.362	45	157541	21.808	ug/l	98
23) Vinyl Acetate	6.297	43	404508	106.805	ug/l	95
24) 1,1-Dichloroethane	6.250	63	100035	20.791	ug/l	97
25) 2-Butanone	7.209	43	69439	105.633	ug/l	97
26) 2,2-Dichloropropane	7.203	77	92636	20.439	ug/l	100
27) cis-1,2-Dichloroethene	7.203	96	63478	20.789	ug/l	100
28) Bromochloromethane	7.538	49	32376	19.067	ug/l	100
29) Tetrahydrofuran	7.556	42	43942	109.957	ug/l	98
30) Chloroform	7.703	83	112787	20.827	ug/l	92
31) Cyclohexane	7.979	56	74946	19.152	ug/l #	94
32) 1,1,1-Trichloroethane	7.897	97	99895	20.536	ug/l	100
36) 1,1-Dichloropropene	8.103	75	76141	20.357	ug/l	99
37) Ethyl Acetate	7.285	43	33386	22.743	ug/l	99
38) Carbon Tetrachloride	8.091	117	89105	20.461	ug/l	97
39) Methylcyclohexane	9.350	83	78115	18.811	ug/l	90
40) Benzene	8.344	78	226172	20.889	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	19636	22.158	ug/l	96
42) 1,2-Dichloroethane	8.414	62	69645	21.349	ug/l	99
43) Isopropyl Acetate	8.444	43	64292	22.320	ug/l	99
44) Trichloroethene	9.103	130	63285	20.350	ug/l	96
45) 1,2-Dichloropropane	9.379	63	58614	21.594	ug/l	97
46) Dibromomethane	9.467	93	32716	20.762	ug/l	99
47) Bromodichloromethane	9.655	83	85904	20.800	ug/l	91
48) Methyl methacrylate	9.450	41	31438	21.506	ug/l	94
49) 1,4-Dioxane	9.461	88	7162	407.061	ug/l #	88
51) 4-Methyl-2-Pentanone	10.220	43	165227	111.622	ug/l	98
52) Toluene	10.397	92	149655	21.095	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	77645	20.666	ug/l	95
54) cis-1,3-Dichloropropene	10.079	75	92191	21.554	ug/l	93
55) 1,1,2-Trichloroethane	10.791	97	49635	22.345	ug/l	95
56) Ethyl methacrylate	10.650	69	51811	20.695	ug/l	97
57) 1,3-Dichloropropane	10.932	76	78871	21.534	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	104312	107.365	ug/l	97
59) 2-Hexanone	10.973	43	111720	111.795	ug/l	100
60) Dibromochloromethane	11.126	129	62126	21.222	ug/l	94
61) 1,2-Dibromoethane	11.238	107	47627	22.651	ug/l	98
64) Tetrachloroethene	10.867	164	54572	20.605	ug/l	98
65) Chlorobenzene	11.661	112	167789	20.496	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	68006	20.675	ug/l	99
67) Ethyl Benzene	11.738	91	282703	19.788	ug/l	97
68) m/p-Xylenes	11.844	106	227005	41.117	ug/l	99
69) o-Xylene	12.173	106	103341	20.181	ug/l	100
70) Styrene	12.185	104	188242	21.007	ug/l	98
71) Bromoform	12.349	173	38079	21.267	ug/l #	98
73) Isopropylbenzene	12.467	105	280249	19.540	ug/l	100
74) N-amyl acetate	12.279	43	64949	22.131	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	56427	20.854	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	40882m	23.918	ug/l	
77) Bromobenzene	12.749	156	69298	20.093	ug/l	98
78) n-propylbenzene	12.808	91	351873	20.073	ug/l	100
79) 2-Chlorotoluene	12.896	91	207285	20.300	ug/l	98
80) 1,3,5-Trimethylbenzene	12.944	105	246354	20.036	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	16564	19.785	ug/l	99
82) 4-Chlorotoluene	12.991	91	222429	20.490	ug/l	100
83) tert-Butylbenzene	13.208	119	210620	19.488	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	243099	20.128	ug/l	100
85) sec-Butylbenzene	13.385	105	319752	20.115	ug/l	98
86) p-Isopropyltoluene	13.502	119	261094	19.730	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	144116	20.066	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	142261	20.013	ug/l	98
89) n-Butylbenzene	13.826	91	243398	19.642	ug/l	99
90) Hexachloroethane	14.096	117	56798	20.822	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	126903	20.536	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	9552	21.146	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	72881	19.748	ug/l	98
94) Hexachlorobutadiene	15.249	225	43208	20.648	ug/l	91
95) Naphthalene	15.379	128	129800	19.675	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	65072	20.184	ug/l	97

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

