

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062223\
 Data File : VD076531.D
 Acq On : 22 Jun 2023 11:18
 Operator : KP/SY
 Sample : VD0622SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0622SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/23/2023
 Supervised By :Mahesh Dadoda 06/23/2023

Quant Time: Jun 23 06:35:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	134828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	222133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	201492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	102582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60679	44.919	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.840%		
35) Dibromofluoromethane	7.799	113	64559	48.922	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.840%		
50) Toluene-d8	10.269	98	243694	48.694	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.380%		
62) 4-Bromofluorobenzene	12.575	95	80972	49.853	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	20244	19.760	ug/l	94
3) Chloromethane	2.146	50	37304	17.508	ug/l	90
4) Vinyl Chloride	2.281	62	43019	18.099	ug/l	100
5) Bromomethane	2.676	94	29621	19.167	ug/l	97
6) Chloroethane	2.828	64	31153	19.123	ug/l	98
7) Trichlorofluoromethane	3.170	101	39075	19.977	ug/l	97
8) Diethyl Ether	3.587	74	12531	17.022	ug/l	64
9) 1,1,2-Trichlorotrifluo...	3.964	101	25133	19.951	ug/l	98
10) Methyl Iodide	4.152	142	27420	18.360	ug/l #	88
11) Tert butyl alcohol	5.064	59	10260	87.968	ug/l #	90
12) 1,1-Dichloroethene	3.934	96	22448	18.195	ug/l #	82
13) Acrolein	3.787	56	12246	97.479	ug/l	92
14) Allyl chloride	4.558	41	41379	18.340	ug/l #	88
15) Acrylonitrile	5.252	53	33449	88.364	ug/l	95
16) Acetone	4.017	43	31253	97.224	ug/l #	80
17) Carbon Disulfide	4.264	76	58552	17.370	ug/l	97
18) Methyl Acetate	4.564	43	26757	18.062	ug/l #	84
19) Methyl tert-butyl Ether	5.322	73	62365	18.480	ug/l	99
20) Methylene Chloride	4.799	84	33287	12.676	ug/l #	77
21) trans-1,2-Dichloroethene	5.299	96	27441	19.244	ug/l	94
22) Diisopropyl ether	6.216	45	88202	18.079	ug/l #	88
23) Vinyl Acetate	6.152	43	214054	88.516	ug/l #	89
24) 1,1-Dichloroethane	6.105	63	52470	19.260	ug/l	93
25) 2-Butanone	7.081	43	46618	93.763	ug/l #	80
26) 2,2-Dichloropropane	7.075	77	45317	19.294	ug/l	93
27) cis-1,2-Dichloroethene	7.075	96	31915	18.493	ug/l	85
28) Bromochloromethane	7.428	49	16466	19.747	ug/l #	70
29) Tetrahydrofuran	7.440	42	28471	89.106	ug/l #	76
30) Chloroform	7.593	83	52636	19.513	ug/l	98
31) Cyclohexane	7.875	56	39511	17.996	ug/l	84
32) 1,1,1-Trichloroethane	7.787	97	42929	19.687	ug/l	98
36) 1,1-Dichloropropene	8.011	75	36881	19.958	ug/l	99
37) Ethyl Acetate	7.169	43	17436	16.283	ug/l	98
38) Carbon Tetrachloride	7.993	117	35451	21.463	ug/l	98
39) Methylcyclohexane	9.269	83	40065	18.475	ug/l #	90
40) Benzene	8.252	78	113271	20.100	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.411	41	12322m	20.378	ug/l	
42) 1,2-Dichloroethane	8.322	62	30699	20.161	ug/l	95
43) Isopropyl Acetate	8.358	43	37935	18.712	ug/l #	75
44) Trichloroethene	9.028	130	31102	20.459	ug/l	86
45) 1,2-Dichloropropane	9.305	63	31535	20.639	ug/l	94
46) Dibromomethane	9.393	93	16561	20.233	ug/l	95
47) Bromodichloromethane	9.587	83	39579	20.206	ug/l #	84
48) Methyl methacrylate	9.375	41	16234	17.471	ug/l #	74
49) 1,4-Dioxane	9.381	88	3761	383.499	ug/l #	68
51) 4-Methyl-2-Pentanone	10.157	43	98377	94.931	ug/l #	85
52) Toluene	10.334	92	70695	19.991	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	39282	19.763	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	45728	19.405	ug/l #	78
55) 1,1,2-Trichloroethane	10.734	97	23188	20.253	ug/l	94
56) Ethyl methacrylate	10.599	69	27385	18.318	ug/l #	66
57) 1,3-Dichloropropane	10.875	76	37658	19.211	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	63217	99.743	ug/l	94
59) 2-Hexanone	10.922	43	68596	95.159	ug/l	85
60) Dibromochloromethane	11.069	129	27362	20.535	ug/l	97
61) 1,2-Dibromoethane	11.181	107	21414	19.924	ug/l	98
64) Tetrachloroethene	10.810	164	26779	22.141	ug/l	94
65) Chlorobenzene	11.604	112	78660	20.549	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	29079	21.241	ug/l	99
67) Ethyl Benzene	11.681	91	140137	20.661	ug/l	96
68) m/p-Xylenes	11.793	106	106624	40.270	ug/l	90
69) o-Xylene	12.122	106	51952	20.613	ug/l	93
70) Styrene	12.134	104	86803	19.937	ug/l #	91
71) Bromoform	12.299	173	17174	20.894	ug/l #	95
73) Isopropylbenzene	12.422	105	135572	19.629	ug/l	95
74) N-amyl acetate	12.234	43	36559	18.081	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.675	83	27520	19.310	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	14630m	14.370	ug/l	
77) Bromobenzene	12.698	156	34083	20.003	ug/l	89
78) n-propylbenzene	12.763	91	169010	19.819	ug/l	97
79) 2-Chlorotoluene	12.846	91	91149	19.464	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	109202	19.361	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	8312	17.890	ug/l #	87
82) 4-Chlorotoluene	12.946	91	96463	19.835	ug/l	95
83) tert-Butylbenzene	13.169	119	99174	19.789	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	109682	19.297	ug/l	100
85) sec-Butylbenzene	13.346	105	149852	20.149	ug/l	97
86) p-Isopropyltoluene	13.463	119	123309	19.843	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	66183	19.774	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	67108	20.104	ug/l	98
89) n-Butylbenzene	13.787	91	119322	19.686	ug/l	99
90) Hexachloroethane	14.057	117	22890	19.960	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	60149	20.566	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4542	21.173	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	37340	19.157	ug/l	98
94) Hexachlorobutadiene	15.204	225	20407	21.535	ug/l	92
95) Naphthalene	15.334	128	71885	18.443	ug/l	95
96) 1,2,3-Trichlorobenzene	15.522	180	33714	19.853	ug/l	99

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

