

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
 Data File : VD075718.D
 Acq On : 18 Apr 2023 11:00
 Operator : KP/SY
 Sample : VD0418SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0418SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/19/2023
 Supervised By :Mahesh Dadoda 04/27/2023

Quant Time: Apr 19 01:21:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	198106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	335420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	378067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	152092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	88332	46.975	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.940%		
35) Dibromofluoromethane	7.805	113	109579	48.572	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.140%		
50) Toluene-d8	10.269	98	471079	52.142	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	104.280%		
62) 4-Bromofluorobenzene	12.575	95	121166	50.458	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	100.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	41877	22.750	ug/l	95
3) Chloromethane	2.146	50	64155	19.302	ug/l	96
4) Vinyl Chloride	2.281	62	89106	20.203	ug/l	99
5) Bromomethane	2.681	94	64574	18.751	ug/l	97
6) Chloroethane	2.834	64	57762	19.451	ug/l	95
7) Trichlorofluoromethane	3.175	101	75159	21.993	ug/l	99
8) Diethyl Ether	3.593	74	20732	19.492	ug/l	65
9) 1,1,2-Trichlorotrifluo...	3.964	101	49486	23.092	ug/l	94
10) Methyl Iodide	4.164	142	58219	19.850	ug/l	91
11) Tert butyl alcohol	5.052	59	8400	89.010	ug/l #	100
12) 1,1-Dichloroethene	3.946	96	46929	21.150	ug/l	83
13) Acrolein	3.793	56	18108	95.126	ug/l	99
14) Allyl chloride	4.558	41	39819	19.704	ug/l #	79
15) Acrylonitrile	5.258	53	41437	104.305	ug/l	93
16) Acetone	4.022	43	32075	93.108	ug/l #	70
17) Carbon Disulfide	4.269	76	150180	20.682	ug/l	97
18) Methyl Acetate	4.569	43	24162	20.799	ug/l #	75
19) Methyl tert-butyl Ether	5.316	73	81191	18.854	ug/l	95
20) Methylene Chloride	4.805	84	60289	19.842	ug/l #	71
21) trans-1,2-Dichloroethene	5.311	96	53932	20.408	ug/l #	68
22) Diisopropyl ether	6.216	45	93939	20.572	ug/l #	93
23) Vinyl Acetate	6.158	43	212576	100.225	ug/l #	85
24) 1,1-Dichloroethane	6.116	63	79102	20.905	ug/l	97
25) 2-Butanone	7.081	43	42233	95.216	ug/l #	76
26) 2,2-Dichloropropane	7.075	77	68841	20.068	ug/l	92
27) cis-1,2-Dichloroethene	7.081	96	58480	19.977	ug/l	79
28) Bromochloromethane	7.428	49	25172	21.045	ug/l #	51
29) Tetrahydrofuran	7.440	42	24214	99.827	ug/l #	56
30) Chloroform	7.599	83	89317	20.822	ug/l	90
31) Cyclohexane	7.881	56	63167	21.407	ug/l #	78
32) 1,1,1-Trichloroethane	7.799	97	73448	20.999	ug/l	95
36) 1,1-Dichloropropene	8.010	75	66118	21.244	ug/l	93
37) Ethyl Acetate	7.175	43	18395	19.421	ug/l #	100
38) Carbon Tetrachloride	7.993	117	60405	22.039	ug/l	96
39) Methylcyclohexane	9.275	83	80661	22.412	ug/l	90
40) Benzene	8.252	78	200702	20.743	ug/l	97

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41) Methacrylonitrile	7.399	41	9026	19.858	ug/l #	60
42) 1,2-Dichloroethane	8.328	62	46276	21.057	ug/l	91
43) Isopropyl Acetate	8.357	43	33916	19.637	ug/l #	77
44) Trichloroethene	9.028	130	56982	20.809	ug/l	91
45) 1,2-Dichloropropane	9.305	63	45127	20.813	ug/l	96
46) Dibromomethane	9.393	93	28386	20.637	ug/l	97
47) Bromodichloromethane	9.587	83	65660	20.868	ug/l	98
48) Methyl methacrylate	9.381	41	15792	20.522	ug/l #	65
49) 1,4-Dioxane	9.393	88	5039	369.236	ug/l #	75
51) 4-Methyl-2-Pentanone	10.157	43	98453	106.911	ug/l #	80
52) Toluene	10.334	92	138974	21.601	ug/l	94
53) t-1,3-Dichloropropene	10.552	75	63192	20.951	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	71644	19.992	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	42714	21.447	ug/l	91
56) Ethyl methacrylate	10.599	69	40165	20.492	ug/l #	66
57) 1,3-Dichloropropane	10.881	76	66785	22.088	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	85320	101.360	ug/l #	87
59) 2-Hexanone	10.922	43	68962	106.506	ug/l	77
60) Dibromochloromethane	11.075	129	52241	22.416	ug/l	97
61) 1,2-Dibromoethane	11.181	107	39064	20.561	ug/l	92
64) Tetrachloroethene	10.810	164	57763	21.215	ug/l	93
65) Chlorobenzene	11.610	112	169228	20.898	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.687	131	58246	20.923	ug/l	97
67) Ethyl Benzene	11.687	91	260595	19.829	ug/l	97
68) m/p-Xylenes	11.799	106	224392	41.663	ug/l	89
69) o-Xylene	12.122	106	84904	17.434	ug/l	92
70) Styrene	12.140	104	147346	16.785	ug/l	94
71) Bromoform	12.298	173	25341	17.414	ug/l #	99
73) Isopropylbenzene	12.422	105	216612	21.701	ug/l	98
74) N-amyl acetate	12.234	43	29380	20.030	ug/l #	69
75) 1,1,2,2-Tetrachloroethane	12.675	83	42564	21.951	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	24352m	19.634	ug/l	
77) Bromobenzene	12.704	156	54468	21.166	ug/l	90
78) n-propylbenzene	12.769	91	273242	22.332	ug/l	98
79) 2-Chlorotoluene	12.851	91	147601	21.269	ug/l	92
80) 1,3,5-Trimethylbenzene	12.910	105	183553	22.058	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	11621	20.308	ug/l #	73
82) 4-Chlorotoluene	12.951	91	154209	21.371	ug/l	94
83) tert-Butylbenzene	13.169	119	148770	21.203	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	183378	21.962	ug/l	97
85) sec-Butylbenzene	13.351	105	239549	22.131	ug/l	98
86) p-Isopropyltoluene	13.463	119	198821	22.064	ug/l	95
87) 1,3-Dichlorobenzene	13.463	146	111762	20.876	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	111893	21.156	ug/l	98
89) n-Butylbenzene	13.793	91	180109	21.698	ug/l	99
90) Hexachloroethane	14.057	117	38914	21.735	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	95847	20.900	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5179	19.924	ug/l	75
93) 1,2,4-Trichlorobenzene	15.104	180	52096	19.526	ug/l	97
94) Hexachlorobutadiene	15.210	225	25642	20.108	ug/l	98
95) Naphthalene	15.339	128	92081	18.218	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	44035	18.752	ug/l	97

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

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