

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031023\
 Data File : VD075497.D
 Acq On : 10 Mar 2023 17:25
 Operator : KP/SY
 Sample : VD0310SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0310SBS01

Quant Time: Mar 10 23:57:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 23:52:37 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	105998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	178334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	163187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	79106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	51146	53.177	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.360%			
35) Dibromofluoromethane	7.810	113	63461	51.957	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.920%			
50) Toluene-d8	10.275	98	259104	53.699	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.400%			
62) 4-Bromofluorobenzene	12.575	95	72371	51.884	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	21365	20.212	ug/l	94
3) Chloromethane	2.152	50	36094	20.306	ug/l	92
4) Vinyl Chloride	2.287	62	51690	20.320	ug/l	91
5) Bromomethane	2.693	94	39793	19.967	ug/l	95
6) Chloroethane	2.840	64	35392	20.771	ug/l	96
7) Trichlorofluoromethane	3.181	101	41671	20.325	ug/l	98
8) Diethyl Ether	3.599	74	10668	19.492	ug/l	69
9) 1,1,2-Trichlorotrifluo...	3.975	101	26636	19.967	ug/l	95
10) Methyl Iodide	4.169	142	31173	19.587	ug/l	92
11) Tert butyl alcohol	5.064	59	4091	92.112	ug/l #	100
12) 1,1-Dichloroethene	3.946	96	26130	19.834	ug/l #	79
13) Acrolein	3.799	56	9284	105.053	ug/l	96
14) Allyl chloride	4.564	41	21846	19.272	ug/l #	80
15) Acrylonitrile	5.264	53	19952	99.413	ug/l	96
16) Acetone	4.028	43	15268	82.458	ug/l	89
17) Carbon Disulfide	4.275	76	79455	19.989	ug/l	99
18) Methyl Acetate	4.569	43	10113	19.861	ug/l #	68
19) Methyl tert-butyl Ether	5.316	73	44297	19.389	ug/l	96
20) Methylene Chloride	4.805	84	30344	18.558	ug/l #	71
21) trans-1,2-Dichloroethene	5.322	96	29234	19.519	ug/l #	78
22) Diisopropyl ether	6.216	45	49655	20.210	ug/l #	91
23) Vinyl Acetate	6.163	43	115612	96.962	ug/l #	82
24) 1,1-Dichloroethane	6.116	63	41694	19.592	ug/l	95
25) 2-Butanone	7.087	43	21052	93.868	ug/l #	71
26) 2,2-Dichloropropane	7.081	77	38101	19.466	ug/l	95
27) cis-1,2-Dichloroethene	7.087	96	31360	19.540	ug/l	79
28) Bromochloromethane	7.434	49	14248	20.767	ug/l #	48
29) Tetrahydrofuran	7.446	42	11393	93.338	ug/l #	50
30) Chloroform	7.599	83	48139	20.368	ug/l	97
31) Cyclohexane	7.881	56	34108	19.909	ug/l #	71
32) 1,1,1-Trichloroethane	7.799	97	40683	19.631	ug/l	94
36) 1,1-Dichloropropene	8.010	75	37034	20.460	ug/l	96
37) Ethyl Acetate	7.175	43	9297	19.713	ug/l #	78
38) Carbon Tetrachloride	7.993	117	34466	19.872	ug/l	91
39) Methylcyclohexane	9.281	83	43647	19.125	ug/l #	89
40) Benzene	8.252	78	106969	19.719	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	5184	20.859	ug/l #	70
42) 1,2-Dichloroethane	8.328	62	24595	20.598	ug/l	94
43) Isopropyl Acetate	8.363	43	17018	19.501	ug/l #	74
44) Trichloroethene	9.028	130	30864	19.359	ug/l	93
45) 1,2-Dichloropropane	9.304	63	23506	20.157	ug/l	97
46) Dibromomethane	9.399	93	14269	19.853	ug/l	94
47) Bromodichloromethane	9.587	83	33565	19.286	ug/l #	99
48) Methyl methacrylate	9.381	41	8019	19.560	ug/l #	63
49) 1,4-Dioxane	9.387	88	2424	371.783	ug/l #	75
51) 4-Methyl-2-Pentanone	10.163	43	42879	94.479	ug/l #	77
52) Toluene	10.334	92	70589	20.081	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	31128	19.882	ug/l	97
54) cis-1,3-Dichloropropene	10.022	75	38043	19.786	ug/l #	78
55) 1,1,2-Trichloroethane	10.740	97	19577	19.241	ug/l	91
56) Ethyl methacrylate	10.599	69	18174	18.760	ug/l #	70
57) 1,3-Dichloropropane	10.887	76	32367	20.671	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	46916	98.954	ug/l #	85
59) 2-Hexanone	10.922	43	29426	91.683	ug/l	72
60) Dibromochloromethane	11.075	129	24076	20.028	ug/l	97
61) 1,2-Dibromoethane	11.187	107	18611	19.422	ug/l	95
64) Tetrachloroethene	10.816	164	25134	19.516	ug/l	95
65) Chlorobenzene	11.610	112	73998	19.120	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	25316	19.094	ug/l	96
67) Ethyl Benzene	11.687	91	126611	18.996	ug/l	97
68) m/p-Xylenes	11.798	106	103233	38.536	ug/l	94
69) o-Xylene	12.122	106	46375	18.640	ug/l	95
70) Styrene	12.140	104	81138	19.606	ug/l	94
71) Bromoform	12.304	173	12835	18.958	ug/l #	96
73) Isopropylbenzene	12.428	105	123362	19.473	ug/l	99
74) N-amyl acetate	12.240	43	15418	19.647	ug/l #	75
75) 1,1,2,2-Tetrachloroethane	12.675	83	21342	19.864	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	12845m	19.799	ug/l	
77) Bromobenzene	12.704	156	28214	18.734	ug/l	92
78) n-propylbenzene	12.769	91	153399	19.928	ug/l	99
79) 2-Chlorotoluene	12.851	91	82281	19.727	ug/l	94
80) 1,3,5-Trimethylbenzene	12.910	105	101419	19.523	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.475	75	6070	19.679	ug/l #	72
82) 4-Chlorotoluene	12.951	91	86464	20.089	ug/l	94
83) tert-Butylbenzene	13.169	119	85677	18.976	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	101639	20.244	ug/l	96
85) sec-Butylbenzene	13.351	105	136622	19.546	ug/l	99
86) p-Isopropyltoluene	13.463	119	113287	19.835	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	61003	19.595	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	59400	19.288	ug/l	99
89) n-Butylbenzene	13.792	91	103628	19.784	ug/l	99
90) Hexachloroethane	14.057	117	20801	18.861	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	51104	19.398	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2712	20.058	ug/l	82
93) 1,2,4-Trichlorobenzene	15.104	180	28773	18.728	ug/l	96
94) Hexachlorobutadiene	15.210	225	13755	18.772	ug/l	97
95) Naphthalene	15.334	128	51273	18.180	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	23713	17.888	ug/l	99

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

