

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103023\
 Data File : VD077446.D
 Acq On : 30 Oct 2023 14:33
 Operator : JC/SY
 Sample : VD1030SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1030SBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Oct 31 04:25:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						10/31/2023
1) Pentafluorobenzene	7.875	168	308492	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	539651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	478526	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	223374	50.000	ug/l	0.00
System Monitoring Compounds						10/31/2023
33) 1,2-Dichloroethane-d4	8.228	65	231038	52.963	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.920%	
35) Dibromofluoromethane	7.805	113	198392	53.190	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.380%	
50) Toluene-d8	10.269	98	779670	53.816	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.640%	
62) 4-Bromofluorobenzene	12.575	95	262128	53.720	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.440%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	54048	21.728	ug/l	99
3) Chloromethane	2.146	50	75268	19.059	ug/l	96
4) Vinyl Chloride	2.281	62	76584	19.887	ug/l	100
5) Bromomethane	2.687	94	37954	18.808	ug/l	99
6) Chloroethane	2.834	64	50682	19.547	ug/l	98
7) Trichlorofluoromethane	3.175	101	111739	20.719	ug/l	97
8) Diethyl Ether	3.593	74	38390	19.803	ug/l #	49
9) 1,1,2-Trichlorotrifluo...	3.969	101	68404	21.010	ug/l	94
10) Methyl Iodide	4.158	142	62694	17.436	ug/l #	86
11) Tert butyl alcohol	5.046	59	42391	122.678	ug/l #	80
12) 1,1-Dichloroethene	3.946	96	60536	19.640	ug/l #	70
13) Acrolein	3.799	56	50002	109.732	ug/l	99
14) Allyl chloride	4.564	41	147022	19.773	ug/l #	83
15) Acrylonitrile	5.258	53	110421	105.369	ug/l	99
16) Acetone	4.022	43	121988	105.682	ug/l #	76
17) Carbon Disulfide	4.269	76	129098	16.315	ug/l	97
18) Methyl Acetate	4.569	43	82755	19.655	ug/l #	59
19) Methyl tert-butyl Ether	5.311	73	196955	20.357	ug/l	95
20) Methylene Chloride	4.799	84	117130	25.823	ug/l #	60
21) trans-1,2-Dichloroethene	5.311	96	69771	19.437	ug/l #	74
22) Diisopropyl ether	6.216	45	319943	20.245	ug/l #	87
23) Vinyl Acetate	6.158	43	728229m	106.813	ug/l	
24) 1,1-Dichloroethane	6.116	63	165179	20.144	ug/l	92
25) 2-Butanone	7.075	43	161775	105.072	ug/l #	71
26) 2,2-Dichloropropane	7.075	77	145387	20.007	ug/l	90
27) cis-1,2-Dichloroethene	7.075	96	89050	20.024	ug/l	69
28) Bromochloromethane	7.428	49	60789	17.769	ug/l #	56
29) Tetrahydrofuran	7.446	42	95049	104.089	ug/l #	68
30) Chloroform	7.593	83	151775	19.823	ug/l	97
31) Cyclohexane	7.875	56	133447	19.569	ug/l #	75
32) 1,1,1-Trichloroethane	7.793	97	128898	20.433	ug/l	94
36) 1,1-Dichloropropene	8.005	75	111477	20.158	ug/l	92
37) Ethyl Acetate	7.169	43	66644	20.999	ug/l #	89
38) Carbon Tetrachloride	7.993	117	107440	20.617	ug/l	94
39) Methylcyclohexane	9.275	83	125062	19.820	ug/l #	82
40) Benzene	8.252	78	310655	19.700	ug/l	99

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41) Methacrylonitrile	7.399	41	45807	22.557	ug/l	#	74
42) 1,2-Dichloroethane	8.328	62	102363	20.495	ug/l		89
43) Isopropyl Acetate	8.357	43	134967	20.608	ug/l	#	81
44) Trichloroethene	9.028	130	75651	19.585	ug/l		85
45) 1,2-Dichloropropane	9.305	63	94999	20.463	ug/l		94
46) Dibromomethane	9.393	93	44023	19.704	ug/l		88
47) Bromodichloromethane	9.587	83	121571	20.587	ug/l		96
48) Methyl methacrylate	9.381	41	64912	20.764	ug/l	#	64
49) 1,4-Dioxane	9.387	88	9796	408.045	ug/l	#	56
51) 4-Methyl-2-Pentanone	10.157	43	338716	105.073	ug/l	#	80
52) Toluene	10.334	92	193391	20.117	ug/l		99
53) t-1,3-Dichloropropene	10.552	75	129529	20.714	ug/l		100
54) cis-1,3-Dichloropropene	10.016	75	148902	20.693	ug/l	#	74
55) 1,1,2-Trichloroethane	10.734	97	60743	20.378	ug/l	#	84
56) Ethyl methacrylate	10.599	69	91037	20.541	ug/l	#	57
57) 1,3-Dichloropropane	10.881	76	114933	20.629	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.869	63	207253	93.410	ug/l	#	86
59) 2-Hexanone	10.922	43	259384	109.226	ug/l		76
60) Dibromochloromethane	11.069	129	73573	20.527	ug/l		97
61) 1,2-Dibromoethane	11.181	107	56769	20.111	ug/l		99
64) Tetrachloroethene	10.810	164	62070	20.374	ug/l		90
65) Chlorobenzene	11.604	112	205586	20.507	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.681	131	77523	20.463	ug/l		97
67) Ethyl Benzene	11.687	91	396974	20.580	ug/l		94
68) m/p-Xylenes	11.793	106	287573	41.285	ug/l		81
69) o-Xylene	12.122	106	135479	20.306	ug/l		76
70) Styrene	12.140	104	238684	20.737	ug/l	#	90
71) Bromoform	12.304	173	42665	20.314	ug/l	#	99
73) Isopropylbenzene	12.422	105	374556	20.567	ug/l		94
74) N-amyl acetate	12.234	43	132264	20.504	ug/l	#	78
75) 1,1,2,2-Tetrachloroethane	12.675	83	74149	20.770	ug/l		94
76) 1,2,3-Trichloropropane	12.722	75	56692m	20.853	ug/l		
77) Bromobenzene	12.698	156	79915	19.936	ug/l		70
78) n-propylbenzene	12.763	91	478043	20.673	ug/l		92
79) 2-Chlorotoluene	12.851	91	262513	20.050	ug/l		88
80) 1,3,5-Trimethylbenzene	12.904	105	315231	20.629	ug/l		90
81) trans-1,4-Dichloro-2-b...	12.469	75	27853	19.790	ug/l	#	80
82) 4-Chlorotoluene	12.945	91	276021	20.239	ug/l		89
83) tert-Butylbenzene	13.169	119	266721	20.760	ug/l		89
84) 1,2,4-Trimethylbenzene	13.210	105	309485	20.388	ug/l		91
85) sec-Butylbenzene	13.345	105	408940	20.803	ug/l		94
86) p-Isopropyltoluene	13.463	119	331405	20.741	ug/l		93
87) 1,3-Dichlorobenzene	13.457	146	160011	20.307	ug/l		96
88) 1,4-Dichlorobenzene	13.540	146	158252	20.101	ug/l		95
89) n-Butylbenzene	13.787	91	349097	21.020	ug/l		97
90) Hexachloroethane	14.051	117	65892	20.152	ug/l		93
91) 1,2-Dichlorobenzene	13.834	146	140376	20.271	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	12364	20.558	ug/l		77
93) 1,2,4-Trichlorobenzene	15.098	180	97336	20.460	ug/l		95
94) Hexachlorobutadiene	15.204	225	51287	19.986	ug/l		99
95) Naphthalene	15.334	128	182349	20.093	ug/l		99
96) 1,2,3-Trichlorobenzene	15.522	180	80417	19.583	ug/l		99

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 Supervised By :Mahesh
 Dadoda

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

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Dadoda

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