

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110223\
 Data File : VD077492.D
 Acq On : 02 Nov 2023 16:22
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Nov 03 01:04:32 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						
1) Pentafluorobenzene	7.875	168	233527	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	425980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	378975	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	172660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	149901	45.394	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.780%
35) Dibromofluoromethane	7.805	113	130713	44.397	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.800%
50) Toluene-d8	10.269	98	535603	46.835	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.660%
62) 4-Bromofluorobenzene	12.575	95	168214	43.672	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.340%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	79931	42.449	ug/l	100
3) Chloromethane	2.152	50	161050	53.872	ug/l	97
4) Vinyl Chloride	2.287	62	172939	59.323	ug/l	94
5) Bromomethane	2.699	94	93075	60.929	ug/l	99
6) Chloroethane	2.840	64	119442	60.855	ug/l	98
7) Trichlorofluoromethane	3.181	101	191331	46.867	ug/l	99
8) Diethyl Ether	3.599	74	67340	45.888	ug/l	# 50
9) 1,1,2-Trichlorotrifluo...	3.969	101	113140	45.907	ug/l	94
10) Methyl Iodide	4.164	142	125725	40.998	ug/l	# 89
11) Tert butyl alcohol	5.046	59	49643	189.783	ug/l	# 94
12) 1,1-Dichloroethene	3.946	96	111316	47.709	ug/l	# 59
13) Acrolein	3.805	56	63552	184.239	ug/l	97
14) Allyl chloride	4.564	41	256534	45.576	ug/l	# 84
15) Acrylonitrile	5.252	53	179836	226.696	ug/l	97
16) Acetone	4.022	43	186992	213.999	ug/l	# 79
17) Carbon Disulfide	4.275	76	326923	45.768	ug/l	99
18) Methyl Acetate	4.564	43	150579	47.243	ug/l	# 77
19) Methyl tert-butyl Ether	5.316	73	332997	45.467	ug/l	98
20) Methylene Chloride	4.805	84	156321	47.465	ug/l	# 59
21) trans-1,2-Dichloroethene	5.311	96	128034	47.117	ug/l	# 70
22) Diisopropyl ether	6.216	45	549772	45.956	ug/l	# 89
23) Vinyl Acetate	6.152	43	1179301m	228.501	ug/l	
24) 1,1-Dichloroethane	6.111	63	285492	45.992	ug/l	92
25) 2-Butanone	7.081	43	247091	212.002	ug/l	# 75
26) 2,2-Dichloropropane	7.081	77	241634	43.925	ug/l	90
27) cis-1,2-Dichloroethene	7.081	96	156743	46.559	ug/l	71
28) Bromochloromethane	7.422	49	136153	48.450	ug/l	# 54
29) Tetrahydrofuran	7.446	42	150237	217.341	ug/l	# 71
30) Chloroform	7.599	83	265122	45.743	ug/l	96
31) Cyclohexane	7.881	56	241945	46.869	ug/l	# 77
32) 1,1,1-Trichloroethane	7.793	97	216816	45.404	ug/l	95
36) 1,1-Dichloropropene	8.010	75	204550	46.859	ug/l	92
37) Ethyl Acetate	7.169	43	109236	43.604	ug/l	# 88
38) Carbon Tetrachloride	7.993	117	184568	44.869	ug/l	100
39) Methylcyclohexane	9.275	83	235316	47.245	ug/l	# 82
40) Benzene	8.252	78	580400	46.627	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.399	41	63108	39.370	ug/l	#	73
42) 1,2-Dichloroethane	8.328	62	176294	44.716	ug/l		89
43) Isopropyl Acetate	8.363	43	217399	42.052	ug/l	#	80
44) Trichloroethene	9.028	130	136085	44.631	ug/l		83
45) 1,2-Dichloropropane	9.304	63	166791	45.513	ug/l		100
46) Dibromomethane	9.393	93	75928	43.053	ug/l		89
47) Bromodichloromethane	9.587	83	208221	44.669	ug/l		97
48) Methyl methacrylate	9.381	41	105243	42.648	ug/l	#	65
49) 1,4-Dioxane	9.381	88	15204	802.307	ug/l	#	64
51) 4-Methyl-2-Pentanone	10.157	43	540074	212.242	ug/l	#	81
52) Toluene	10.334	92	346949	45.721	ug/l		99
53) t-1,3-Dichloropropene	10.557	75	215516	43.663	ug/l		98
54) cis-1,3-Dichloropropene	10.016	75	250960	44.182	ug/l	#	79
55) 1,1,2-Trichloroethane	10.734	97	103174	43.849	ug/l		93
56) Ethyl methacrylate	10.599	69	154054	44.036	ug/l	#	67
57) 1,3-Dichloropropane	10.881	76	196174	44.606	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.869	63	402272	229.686	ug/l	#	84
59) 2-Hexanone	10.922	43	386569	206.221	ug/l		78
60) Dibromochloromethane	11.075	129	120963	42.754	ug/l		97
61) 1,2-Dibromoethane	11.181	107	94621	42.465	ug/l		98
64) Tetrachloroethene	10.810	164	105741	43.825	ug/l		95
65) Chlorobenzene	11.610	112	354419	44.640	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.681	131	127785	42.591	ug/l		97
67) Ethyl Benzene	11.687	91	691510	45.266	ug/l		94
68) m/p-Xylenes	11.793	106	496817	90.061	ug/l		79
69) o-Xylene	12.122	106	241073	45.624	ug/l		82
70) Styrene	12.134	104	407230	44.674	ug/l	#	90
71) Bromoform	12.298	173	68215	41.010	ug/l	#	94
73) Isopropylbenzene	12.422	105	630326	44.777	ug/l		96
74) N-amyl acetate	12.234	43	203375	40.788	ug/l	#	80
75) 1,1,2,2-Tetrachloroethane	12.675	83	119089	43.157	ug/l		96
76) 1,2,3-Trichloropropane	12.722	75	88144m	41.945	ug/l		
77) Bromobenzene	12.704	156	134938	43.549	ug/l		72
78) n-propylbenzene	12.763	91	817888	45.758	ug/l		91
79) 2-Chlorotoluene	12.851	91	442547	43.728	ug/l		89
80) 1,3,5-Trimethylbenzene	12.904	105	523309	44.303	ug/l		92
81) trans-1,4-Dichloro-2-b...	12.469	75	45694	42.002	ug/l		89
82) 4-Chlorotoluene	12.945	91	450697	42.753	ug/l		89
83) tert-Butylbenzene	13.169	119	442723	44.580	ug/l		89
84) 1,2,4-Trimethylbenzene	13.210	105	523826	44.643	ug/l		92
85) sec-Butylbenzene	13.345	105	694552	45.709	ug/l		94
86) p-Isopropyltoluene	13.463	119	562484	45.542	ug/l		93
87) 1,3-Dichlorobenzene	13.457	146	266640	43.778	ug/l		96
88) 1,4-Dichlorobenzene	13.540	146	262561	43.147	ug/l		95
89) n-Butylbenzene	13.787	91	581343	45.286	ug/l		97
90) Hexachloroethane	14.057	117	108820	43.056	ug/l		92
91) 1,2-Dichlorobenzene	13.834	146	235514	43.999	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	17635	37.935	ug/l		84
93) 1,2,4-Trichlorobenzene	15.104	180	156309	42.507	ug/l		98
94) Hexachlorobutadiene	15.204	225	84378	42.540	ug/l		99
95) Naphthalene	15.334	128	296838	42.316	ug/l		99
96) 1,2,3-Trichlorobenzene	15.522	180	131254	41.351	ug/l		98

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

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

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