

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012224\
 Data File : VD078188.D
 Acq On : 22 Jan 2024 11:00
 Operator : RP/MD
 Sample : VSTDIC010
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 23 05:25:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:12:01 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	131908	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	237418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	217513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	99217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	16046	10.656	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	21.320%#
35) Dibromofluoromethane	7.810	113	15525	9.936	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	19.880%#
50) Toluene-d8	10.275	98	58163	9.401	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	18.800%#
62) 4-Bromofluorobenzene	12.575	95	16665	9.288	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	18.580%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	17762	9.702	ug/l	90
3) Chloromethane	2.152	50	27849	9.342	ug/l	94
4) Vinyl Chloride	2.287	62	33297	10.645	ug/l	95
5) Bromomethane	2.699	94	23913	10.476	ug/l	100
6) Chloroethane	2.840	64	23112	10.578	ug/l	91
7) Trichlorofluoromethane	3.187	101	30699	10.790	ug/l	93
8) Diethyl Ether	3.599	74	7719	9.787	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.981	101	17991	10.918	ug/l	# 83
10) Methyl Iodide	4.175	142	15466	9.363	ug/l	# 87
11) Tert butyl alcohol	5.063	59	3428	46.240	ug/l	# 73
12) 1,1-Dichloroethene	3.958	96	16728	10.248	ug/l	92
13) Acrolein	3.811	56	9199	54.053	ug/l	93
14) Allyl chloride	4.569	41	21116	9.807	ug/l	89
15) Acrylonitrile	5.263	53	17827	50.370	ug/l	98
16) Acetone	4.034	43	29530	58.622	ug/l	# 78
17) Carbon Disulfide	4.275	76	56007	10.581	ug/l	# 94
18) Methyl Acetate	4.563	43	12475	9.629	ug/l	# 82
19) Methyl tert-butyl Ether	5.328	73	32220	9.465	ug/l	# 87
20) Methylene Chloride	4.805	84	20503	7.476	ug/l	# 89
21) trans-1,2-Dichloroethene	5.328	96	19890	10.544	ug/l	# 92
22) Diisopropyl ether	6.222	45	45155	9.910	ug/l	# 92
23) Vinyl Acetate	6.163	43	105175	46.852	ug/l	96
24) 1,1-Dichloroethane	6.122	63	31121	9.885	ug/l	94
25) 2-Butanone	7.087	43	32402	60.497	ug/l	# 81
26) 2,2-Dichloropropane	7.087	77	26485	10.042	ug/l	97
27) cis-1,2-Dichloroethene	7.087	96	19637	9.691	ug/l	87
28) Bromochloromethane	7.434	49	12283	10.003	ug/l	81
29) Tetrahydrofuran	7.463	42	12509	50.352	ug/l	# 52
30) Chloroform	7.604	83	31466	9.827	ug/l	95
31) Cyclohexane	7.881	56	28089	10.088	ug/l	# 87
32) 1,1,1-Trichloroethane	7.787	97	28243	10.211	ug/l	99
36) 1,1-Dichloropropene	8.010	75	25809	10.044	ug/l	94
37) Ethyl Acetate	7.175	43	9598	10.034	ug/l	# 88
38) Carbon Tetrachloride	7.999	117	25846	10.185	ug/l	89
39) Methylcyclohexane	9.281	83	27952	9.199	ug/l	# 85
40) Benzene	8.257	78	69356	9.512	ug/l	99

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 Kesilyurt

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.404	41	5638	10.953	ug/l	#	67
42) 1,2-Dichloroethane	8.328	62	18909	9.967	ug/l		96
43) Isopropyl Acetate	8.363	43	17091	9.752	ug/l	#	94
44) Trichloroethene	9.034	130	18392	9.859	ug/l		84
45) 1,2-Dichloropropane	9.310	63	18536	10.244	ug/l		98
46) Dibromomethane	9.399	93	10629	10.697	ug/l	#	82
47) Bromodichloromethane	9.593	83	25601	10.256	ug/l	#	98
48) Methyl methacrylate	9.381	41	9515	9.378	ug/l	#	75
49) 1,4-Dioxane	9.399	88	1886	196.157	ug/l	#	69
51) 4-Methyl-2-Pentanone	10.163	43	44927	48.785	ug/l		86
52) Toluene	10.340	92	44015	9.523	ug/l		93
53) t-1,3-Dichloropropene	10.557	75	21764	9.451	ug/l		93
54) cis-1,3-Dichloropropene	10.022	75	27123	9.825	ug/l	#	85
55) 1,1,2-Trichloroethane	10.728	97	12879	9.686	ug/l	#	93
56) Ethyl methacrylate	10.598	69	9893	9.089	ug/l	#	82
57) 1,3-Dichloropropane	10.881	76	23321	10.256	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.875	63	29133	44.665	ug/l		93
59) 2-Hexanone	10.928	43	42556	56.867	ug/l		88
60) Dibromochloromethane	11.075	129	15237	9.720	ug/l		89
61) 1,2-Dibromoethane	11.181	107	11928	9.732	ug/l		100
64) Tetrachloroethene	10.816	164	14386	10.115	ug/l		96
65) Chlorobenzene	11.610	112	48160	10.023	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.681	131	16505	9.612	ug/l		96
67) Ethyl Benzene	11.687	91	81404	9.310	ug/l		89
68) m/p-Xylenes	11.793	106	62254	18.641	ug/l		91
69) o-Xylene	12.122	106	28056	9.257	ug/l		92
70) Styrene	12.134	104	40447	8.906	ug/l	#	92
71) Bromoform	12.298	173	8571	10.079	ug/l	#	99
73) Isopropylbenzene	12.422	105	73508	9.423	ug/l		94
74) N-amyl acetate	12.240	43	14031	9.401	ug/l		91
75) 1,1,2,2-Tetrachloroethane	12.681	83	14899	10.264	ug/l		99
76) 1,2,3-Trichloropropane	12.728	75	9858m	10.751	ug/l		
77) Bromobenzene	12.704	156	16741	9.788	ug/l		83
78) n-propylbenzene	12.763	91	92670	9.578	ug/l		93
79) 2-Chlorotoluene	12.851	91	50114	9.706	ug/l		94
80) 1,3,5-Trimethylbenzene	12.904	105	59918	9.263	ug/l		94
81) trans-1,4-Dichloro-2-b...	12.469	75	4032	9.127	ug/l	#	85
82) 4-Chlorotoluene	12.945	91	51418	9.447	ug/l		96
83) tert-Butylbenzene	13.169	119	49905	9.229	ug/l		91
84) 1,2,4-Trimethylbenzene	13.210	105	60749	9.286	ug/l		95
85) sec-Butylbenzene	13.345	105	77727	9.493	ug/l		94
86) p-Isopropyltoluene	13.463	119	65492	9.192	ug/l		96
87) 1,3-Dichlorobenzene	13.457	146	34572	9.763	ug/l		97
88) 1,4-Dichlorobenzene	13.539	146	33813	9.665	ug/l		91
89) n-Butylbenzene	13.787	91	63981	9.224	ug/l		98
90) Hexachloroethane	14.051	117	14487	10.365	ug/l		77
91) 1,2-Dichlorobenzene	13.834	146	30685	10.305	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	2211	10.658	ug/l		81
93) 1,2,4-Trichlorobenzene	15.098	180	17056	9.266	ug/l		94
94) Hexachlorobutadiene	15.204	225	8798	9.891	ug/l		98
95) Naphthalene	15.334	128	29656	8.617	ug/l	#	93
96) 1,2,3-Trichlorobenzene	15.522	180	14122	9.144	ug/l		98

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Manual Integrations
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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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