

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070824\
 Data File : VD079340.D
 Acq On : 08 Jul 2024 13:58
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/09/2024
 Supervised By :Semsettin Yesilyurt 07/09/2024

Quant Time: Jul 08 16:53:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 16:50:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	178608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	338866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	313598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	141582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	11226	5.334	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.660%#		
35) Dibromofluoromethane	7.804	113	11993	5.017	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.040%#		
50) Toluene-d8	10.263	98	42930	4.658	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	9.320%#		
62) 4-Bromofluorobenzene	12.569	95	13430	4.689	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	9.380%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	9479	5.724	ug/l	98
3) Chloromethane	2.146	50	12904	5.820	ug/l #	85
4) Vinyl Chloride	2.275	62	12643	5.548	ug/l	93
5) Bromomethane	2.681	94	10318	4.924	ug/l	100
6) Chloroethane	2.828	64	7221	5.914	ug/l	97
7) Trichlorofluoromethane	3.169	101	17984	5.401	ug/l	98
8) Diethyl Ether	3.587	74	5601	5.265	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.958	101	10787	5.165	ug/l	97
10) Methyl Iodide	4.158	142	9754	4.234	ug/l	97
11) Tert butyl alcohol	5.069	59	3954m	29.429	ug/l	
12) 1,1-Dichloroethene	3.934	96	10398	5.013	ug/l	87
13) Acrolein	3.805	56	4237	25.437	ug/l	95
14) Allyl chloride	4.552	41	13037	4.932	ug/l #	84
15) Acrylonitrile	5.240	53	11848	24.181	ug/l #	62
16) Acetone	4.022	43	10865	27.141	ug/l #	86
17) Carbon Disulfide	4.263	76	34662	5.290	ug/l	97
18) Methyl Acetate	4.558	43	6490	5.181	ug/l #	84
19) Methyl tert-butyl Ether	5.310	73	20476	4.442	ug/l	100
20) Methylene Chloride	4.793	84	35444	3.525	ug/l	90
21) trans-1,2-Dichloroethene	5.305	96	11005	4.776	ug/l #	78
22) Diisopropyl ether	6.210	45	26178	4.423	ug/l #	85
23) Vinyl Acetate	6.152	43	97869	21.606	ug/l #	90
24) 1,1-Dichloroethane	6.104	63	20373	5.105	ug/l	99
25) 2-Butanone	7.075	43	13583	23.888	ug/l	94
26) 2,2-Dichloropropane	7.075	77	18446	5.519	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	12705	4.723	ug/l	81
28) Bromochloromethane	7.416	49	8274	4.919	ug/l #	72
29) Tetrahydrofuran	7.440	42	8008	23.106	ug/l #	84
30) Chloroform	7.599	83	20669	4.933	ug/l	86
31) Cyclohexane	7.875	56	18651	5.860	ug/l #	77
32) 1,1,1-Trichloroethane	7.793	97	18002	5.140	ug/l	99
36) 1,1-Dichloropropene	8.004	75	14983	4.934	ug/l	92
37) Ethyl Acetate	7.163	43	6497	4.940	ug/l #	93
38) Carbon Tetrachloride	7.987	117	15366	4.807	ug/l	92
39) Methylcyclohexane	9.269	83	15748	4.447	ug/l	95
40) Benzene	8.246	78	45011	4.629	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	2807	6.518	ug/l	91
42) 1,2-Dichloroethane	8.328	62	10832	4.608	ug/l	99
43) Isopropyl Acetate	8.363	43	10902	4.536	ug/l #	77
44) Trichloroethene	9.022	130	11430	4.932	ug/l	93
45) 1,2-Dichloropropane	9.298	63	10352	4.362	ug/l	99
46) Dibromomethane	9.393	93	6306	4.531	ug/l	90
47) Bromodichloromethane	9.581	83	16087	4.728	ug/l	92
48) Methyl methacrylate	9.375	41	4656	6.222	ug/l #	79
49) 1,4-Dioxane	9.393	88	1751	111.106	ug/l #	64
51) 4-Methyl-2-Pentanone	10.157	43	26117	20.295	ug/l	89
52) Toluene	10.334	92	24810	4.145	ug/l	95
53) t-1,3-Dichloropropene	10.545	75	13503	4.381	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	16064	4.363	ug/l #	93
55) 1,1,2-Trichloroethane	10.722	97	7923	4.241	ug/l	93
56) Ethyl methacrylate	10.592	69	7913	6.130	ug/l #	87
57) 1,3-Dichloropropane	10.875	76	13473	4.395	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.863	63	19625	26.511	ug/l	90
59) 2-Hexanone	10.916	43	19259	20.946	ug/l	91
60) Dibromochloromethane	11.075	129	10440	4.354	ug/l	100
61) 1,2-Dibromoethane	11.181	107	8000	4.542	ug/l	98
64) Tetrachloroethene	10.810	164	8796	4.785	ug/l	91
65) Chlorobenzene	11.604	112	31066	4.720	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	10484	4.721	ug/l	96
67) Ethyl Benzene	11.681	91	47674	4.338	ug/l	100
68) m/p-Xylenes	11.792	106	35587	8.387	ug/l	87
69) o-Xylene	12.116	106	16472	4.149	ug/l	86
70) Styrene	12.134	104	29099	4.107	ug/l	97
71) Bromoform	12.292	173	5633	4.378	ug/l #	98
73) Isopropylbenzene	12.416	105	42871	4.536	ug/l	96
74) N-amyl acetate	12.234	43	9845	4.636	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.669	83	9607	4.812	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	7154m	5.065	ug/l	
77) Bromobenzene	12.698	156	9948	4.449	ug/l	75
78) n-propylbenzene	12.757	91	52685	4.473	ug/l	93
79) 2-Chlorotoluene	12.845	91	30077	4.452	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	34943	4.362	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.463	75	3463	4.800	ug/l #	83
82) 4-Chlorotoluene	12.939	91	32398	4.507	ug/l	91
83) tert-Butylbenzene	13.163	119	30137	4.505	ug/l	91
84) 1,2,4-Trimethylbenzene	13.210	105	34371	4.230	ug/l	92
85) sec-Butylbenzene	13.339	105	45204	4.409	ug/l	98
86) p-Isopropyltoluene	13.457	119	35675	4.202	ug/l	96
87) 1,3-Dichlorobenzene	13.451	146	22088	4.684	ug/l	95
88) 1,4-Dichlorobenzene	13.533	146	23756	5.005	ug/l	87
89) n-Butylbenzene	13.786	91	37335	4.523	ug/l	98
90) Hexachloroethane	14.051	117	9838	5.245	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	20223	4.834	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.439	75	1321	4.711	ug/l	86
93) 1,2,4-Trichlorobenzene	15.092	180	11494	4.890	ug/l	98
94) Hexachlorobutadiene	15.198	225	6399	5.133	ug/l	99
95) Naphthalene	15.328	128	21820	4.669	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	9942	4.735	ug/l	97

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

