

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018433.D
 Acq On : 03 Jun 2024 11:47
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 06/04/2024
 Supervised By :Mahesh Dadoda 06/04/2024

Quant Time: Jun 04 05:27:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 05:22:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	61758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	94381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	81534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	122954	101.378	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 202.760%#			
35) Dibromofluoromethane	7.710	113	129209	107.961	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 215.920%#			
50) Toluene-d8	10.173	98	480940	101.011	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 202.020%#			
62) 4-Bromofluorobenzene	12.477	95	148588	100.232	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 200.460%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.894	85	94684	96.535	ug/l	100
3) Chloromethane	2.107	50	162860	89.036	ug/l	99
4) Vinyl Chloride	2.241	62	209405	95.711	ug/l	99
5) Bromomethane	2.631	94	135182	92.611	ug/l	98
6) Chloroethane	2.778	64	134105	97.080	ug/l	99
7) Trichlorofluoromethane	3.107	101	224614	99.223	ug/l	97
8) Diethyl Ether	3.515	74	69044	101.368	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.887	101	127994	97.102	ug/l	95
10) Methyl Iodide	4.076	142	135781	104.872	ug/l	97
11) Tert butyl alcohol	4.948	59	56275	521.061	ug/l #	80
12) 1,1-Dichloroethene	3.857	96	126584	97.703	ug/l	92
13) Acrolein	3.710	56	79342	639.116	ug/l	99
14) Allyl chloride	4.460	41	194909	102.721	ug/l	96
15) Acrylonitrile	5.143	53	164627	528.516	ug/l	99
16) Acetone	3.930	43	142787	530.436	ug/l	91
17) Carbon Disulfide	4.180	76	370267	97.422	ug/l	97
18) Methyl Acetate	4.460	43	67420	100.157	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	332863	106.602	ug/l	99
20) Methylene Chloride	4.698	84	136502	105.080	ug/l	90
21) trans-1,2-Dichloroethene	5.204	96	140381	101.534	ug/l	93
22) Diisopropyl ether	6.106	45	365195	94.508	ug/l	95
23) Vinyl Acetate	6.039	43	1287434	511.935	ug/l	96
24) 1,1-Dichloroethane	6.003	63	249115	103.358	ug/l	97
25) 2-Butanone	6.972	43	219752	532.883	ug/l	90
26) 2,2-Dichloropropane	6.966	77	209978	99.122	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	167335	104.045	ug/l	96
28) Bromochloromethane	7.320	49	106781	96.274	ug/l	90
29) Tetrahydrofuran	7.338	42	134215	501.146	ug/l	93
30) Chloroform	7.496	83	251704	104.123	ug/l	97
31) Cyclohexane	7.777	56	218692	96.710	ug/l	97
32) 1,1,1-Trichloroethane	7.691	97	222003	104.853	ug/l	97
36) 1,1-Dichloropropene	7.911	75	190500	104.392	ug/l	97
37) Ethyl Acetate	7.064	43	94023	103.136	ug/l	97
38) Carbon Tetrachloride	7.893	117	195012	106.641	ug/l	98
39) Methylcyclohexane	9.173	83	256457	103.958	ug/l	96
40) Benzene	8.149	78	568766	104.022	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	47241	96.523	ug/l	94
42) 1,2-Dichloroethane	8.228	62	138692	104.333	ug/l	98
43) Isopropyl Acetate	8.265	43	180460	105.866	ug/l	93
44) Trichloroethene	8.935	130	141031	104.084	ug/l	94
45) 1,2-Dichloropropane	9.209	63	129806	103.808	ug/l	96
46) Dibromomethane	9.301	93	76047	106.073	ug/l	95
47) Bromodichloromethane	9.490	83	185177	107.601	ug/l	97
48) Methyl methacrylate	9.289	41	84808	108.137	ug/l	89
49) 1,4-Dioxane	9.289	88	19512	2072.498	ug/l #	100
51) 4-Methyl-2-Pentanone	10.063	43	449014	507.283	ug/l	93
52) Toluene	10.240	92	337218	100.274	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	165480	104.707	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	206963	106.358	ug/l #	93
55) 1,1,2-Trichloroethane	10.642	97	95517	102.405	ug/l	98
56) Ethyl methacrylate	10.508	69	135498	103.232	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	159730	100.875	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	353360	501.332	ug/l	99
59) 2-Hexanone	10.825	43	314786	514.639	ug/l	91
60) Dibromochloromethane	10.977	129	124442	109.205	ug/l	100
61) 1,2-Dibromoethane	11.081	107	88844	101.151	ug/l	99
64) Tetrachloroethene	10.715	164	131093	109.154	ug/l	97
65) Chlorobenzene	11.514	112	370865	106.066	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	124254	109.901	ug/l	99
67) Ethyl Benzene	11.587	91	659894	103.689	ug/l	97
68) m/p-Xylenes	11.697	106	508584	212.226	ug/l	100
69) o-Xylene	12.026	106	243670	105.628	ug/l	98
70) Styrene	12.038	104	401160	106.433	ug/l	99
71) Bromoform	12.203	173	71485	120.019	ug/l #	98
73) Isopropylbenzene	12.325	105	622268	100.053	ug/l	99
74) N-amyl acetate	12.142	43	155104	102.456	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	103703	94.722	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	68893m	92.667	ug/l	
77) Bromobenzene	12.605	156	141457	107.123	ug/l	96
78) n-propylbenzene	12.666	91	740225	99.166	ug/l	98
79) 2-Chlorotoluene	12.752	91	396858	97.796	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	495349	102.262	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	34969	98.305	ug/l	92
82) 4-Chlorotoluene	12.849	91	403735	98.869	ug/l	98
83) tert-Butylbenzene	13.069	119	463894	103.566	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	490003	103.327	ug/l	100
85) sec-Butylbenzene	13.251	105	662615	100.449	ug/l	99
86) p-Isopropyltoluene	13.367	119	557784	104.769	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	277756	106.632	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	269858	105.454	ug/l	99
89) n-Butylbenzene	13.690	91	513099	101.420	ug/l	99
90) Hexachloroethane	13.959	117	105932	106.155	ug/l	98
91) 1,2-Dichlorobenzene	13.733	146	239686	105.744	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16212	97.311	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	144160	117.597	ug/l	98
94) Hexachlorobutadiene	15.105	225	75265	115.603	ug/l	97
95) Naphthalene	15.233	128	295242	119.919	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	124472	120.008	ug/l	98

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

