

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018929.D
 Acq On : 08 Aug 2024 13:35
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

Quant Time: Aug 08 14:26:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 14:14:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	105469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	149516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	136552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	72077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	137596	148.590	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 297.180%#			
35) Dibromofluoromethane	7.622	113	148829	155.852	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 311.700%#			
50) Toluene-d8	10.103	98	588451	160.430	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 320.860%#			
62) 4-Bromofluorobenzene	12.408	95	172800	158.793	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 317.580%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	88412	121.956	ug/l	92
3) Chloromethane	2.068	50	217464	151.716	ug/l	100
4) Vinyl Chloride	2.202	62	312390	128.585	ug/l	99
5) Bromomethane	2.568	94	276731	142.767	ug/l	98
6) Chloroethane	2.726	64	203817	124.759	ug/l	99
7) Trichlorofluoromethane	3.043	101	448753	138.595	ug/l	94
8) Diethyl Ether	3.446	74	65974	132.180	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.805	101	138518	136.935	ug/l	95
10) Methyl Iodide	3.994	142	154564	141.504	ug/l	98
11) Tert butyl alcohol	4.842	59	50890	756.279	ug/l #	81
12) 1,1-Dichloroethene	3.775	96	131509	137.612	ug/l	96
13) Acrolein	3.641	56	67614	748.754	ug/l	99
14) Allyl chloride	4.372	41	172676	135.101	ug/l #	87
15) Acrylonitrile	5.043	53	137768	704.080	ug/l	98
16) Acetone	3.854	43	156627	757.338	ug/l	89
17) Carbon Disulfide	4.098	76	377659	132.939	ug/l	97
18) Methyl Acetate	4.366	43	69819	135.655	ug/l	96
19) Methyl tert-butyl Ether	5.104	73	332224	141.339	ug/l	99
20) Methylene Chloride	4.604	84	133671	151.782	ug/l	88
21) trans-1,2-Dichloroethene	5.104	96	150043	141.901	ug/l	98
22) Diisopropyl ether	6.012	45	400855	143.867	ug/l #	89
23) Vinyl Acetate	5.945	43	1876806	780.496	ug/l	95
24) 1,1-Dichloroethane	5.909	63	235691	137.886	ug/l	99
25) 2-Butanone	6.884	43	230795	769.768	ug/l	90
26) 2,2-Dichloropropane	6.872	77	226196	140.600	ug/l	99
27) cis-1,2-Dichloroethene	6.878	96	178532	141.117	ug/l	99
28) Bromochloromethane	7.238	49	111098	141.178	ug/l	94
29) Tetrahydrofuran	7.250	42	127356	720.372	ug/l	92
30) Chloroform	7.408	83	251474	137.532	ug/l	99
31) Cyclohexane	7.695	56	204682	148.822	ug/l	96
32) 1,1,1-Trichloroethane	7.610	97	237702	143.819	ug/l	96
36) 1,1-Dichloropropene	7.829	75	194341	151.607	ug/l	100
37) Ethyl Acetate	6.976	43	88350	150.792	ug/l	97
38) Carbon Tetrachloride	7.811	117	231506	157.513	ug/l	99
39) Methylcyclohexane	9.103	83	265341	153.781	ug/l	96
40) Benzene	8.073	78	582406	152.810	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	40033m	149.127	ug/l	
42) 1,2-Dichloroethane	8.152	62	143766	151.521	ug/l	98
43) Isopropyl Acetate	8.189	43	185043	155.295	ug/l #	79
44) Trichloroethene	8.859	130	158602	145.989	ug/l	93
45) 1,2-Dichloropropane	9.134	63	126922	148.827	ug/l	98
46) Dibromomethane	9.225	93	85640	155.416	ug/l	98
47) Bromodichloromethane	9.420	83	196382	152.293	ug/l	96
48) Methyl methacrylate	9.219	41	83350	160.122	ug/l #	79
49) 1,4-Dioxane	9.219	88	19902	3057.049	ug/l #	92
51) 4-Methyl-2-Pentanone	9.993	43	512057	833.254	ug/l	89
52) Toluene	10.170	92	398899	157.560	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	187089	162.695	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	218304	159.818	ug/l #	87
55) 1,1,2-Trichloroethane	10.573	97	103661	153.185	ug/l	96
56) Ethyl methacrylate	10.438	69	147981	161.508	ug/l #	75
57) 1,3-Dichloropropane	10.719	76	167943	150.732	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	422213	893.838	ug/l	96
59) 2-Hexanone	10.762	43	371892	843.634	ug/l	85
60) Dibromochloromethane	10.914	129	147567	162.652	ug/l	98
61) 1,2-Dibromoethane	11.011	107	98879	151.328	ug/l	99
64) Tetrachloroethene	10.646	164	162053	141.569	ug/l	98
65) Chlorobenzene	11.444	112	436957	145.740	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	166361	158.639	ug/l	98
67) Ethyl Benzene	11.517	91	823233	158.594	ug/l	95
68) m/p-Xylenes	11.627	106	673666	316.494	ug/l	97
69) o-Xylene	11.956	106	310156	157.881	ug/l	96
70) Styrene	11.969	104	525425	162.382	ug/l	99
71) Bromoform	12.133	173	84835	155.565	ug/l #	97
73) Isopropylbenzene	12.255	105	769462	147.072	ug/l	98
74) N-amyl acetate	12.072	43	188435	156.081	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.511	83	119807	141.899	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	74260m	82.432	ug/l	
77) Bromobenzene	12.536	156	178750	146.661	ug/l	93
78) n-propylbenzene	12.597	91	915713	147.878	ug/l	97
79) 2-Chlorotoluene	12.682	91	475254	148.247	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	623170	151.992	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	40194	154.244	ug/l	94
82) 4-Chlorotoluene	12.779	91	490823	149.543	ug/l	94
83) tert-Butylbenzene	12.999	119	562406	145.224	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	641059	154.129	ug/l	98
85) sec-Butylbenzene	13.176	105	828587	147.711	ug/l	98
86) p-Isopropyltoluene	13.292	119	767675	158.044	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	392981	157.844	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	348445	143.511	ug/l	99
89) n-Butylbenzene	13.621	91	633290	148.536	ug/l	98
90) Hexachloroethane	13.883	117	136009	148.395	ug/l	95
91) 1,2-Dichlorobenzene	13.663	146	299336	146.234	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	15834	136.332	ug/l	93
93) 1,2,4-Trichlorobenzene	14.925	180	171979	152.582	ug/l	100
94) Hexachlorobutadiene	15.029	225	86162	139.385	ug/l	99
95) Naphthalene	15.145	128	320123	159.539	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	145948	150.858	ug/l	99

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

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