

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018434.D
 Acq On : 03 Jun 2024 12:10
 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 06/04/2024
 Supervised By :Mahesh Dadoda 06/04/2024

Quant Time: Jun 04 05:28:06 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	71660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	101187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	89316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	63583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	153683	109.205	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 218.400%#			
35) Dibromofluoromethane	7.704	113	162886	126.945	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 253.900%#			
50) Toluene-d8	10.173	98	631292	123.671	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 247.340%#			
62) 4-Bromofluorobenzene	12.477	95	191720	120.629	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 241.260%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.894	85	145068	127.467	ug/l	98
3) Chloromethane	2.107	50	242060	114.048	ug/l	100
4) Vinyl Chloride	2.241	62	304944	120.119	ug/l	98
5) Bromomethane	2.619	94	211272	124.738	ug/l	99
6) Chloroethane	2.778	64	200027	124.793	ug/l	100
7) Trichlorofluoromethane	3.107	101	340318	129.562	ug/l	97
8) Diethyl Ether	3.509	74	102282	129.417	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.881	101	200697	131.218	ug/l	94
10) Methyl Iodide	4.076	142	205198	136.587	ug/l	97
11) Tert butyl alcohol	4.942	59	82815	741.543	ug/l #	83
12) 1,1-Dichloroethene	3.857	96	198114	131.783	ug/l	94
13) Acrolein	3.716	56	107043	743.106	ug/l	100
14) Allyl chloride	4.460	41	280205	127.268	ug/l	96
15) Acrylonitrile	5.143	53	208961	578.147	ug/l	99
16) Acetone	3.930	43	192659	616.808	ug/l	90
17) Carbon Disulfide	4.180	76	566298	128.412	ug/l	98
18) Methyl Acetate	4.460	43	88551	113.371	ug/l	96
19) Methyl tert-butyl Ether	5.204	73	445943	123.082	ug/l	98
20) Methylene Chloride	4.698	84	202715	147.936	ug/l	96
21) trans-1,2-Dichloroethene	5.204	96	204671	127.578	ug/l	96
22) Diisopropyl ether	6.106	45	529134	118.011	ug/l	94
23) Vinyl Acetate	6.045	43	1777951	609.293	ug/l	95
24) 1,1-Dichloroethane	6.003	63	349809	125.081	ug/l	99
25) 2-Butanone	6.972	43	268082	560.252	ug/l #	88
26) 2,2-Dichloropropane	6.966	77	298113	121.282	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	238230	127.658	ug/l	98
28) Bromochloromethane	7.319	49	135828	105.540	ug/l	96
29) Tetrahydrofuran	7.338	42	169503	545.453	ug/l	90
30) Chloroform	7.496	83	346951	123.692	ug/l	100
31) Cyclohexane	7.771	56	291573	111.122	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	322615	131.318	ug/l	98
36) 1,1-Dichloropropene	7.905	75	259757	132.769	ug/l	100
37) Ethyl Acetate	7.057	43	118269	121.007	ug/l	96
38) Carbon Tetrachloride	7.893	117	291545	148.706	ug/l	99
39) Methylcyclohexane	9.179	83	360536	136.318	ug/l	97
40) Benzene	8.155	78	790299	134.816	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	68289m	130.144	ug/l	
42) 1,2-Dichloroethane	8.228	62	188891	132.539	ug/l	100
43) Isopropyl Acetate	8.264	43	236475	129.396	ug/l	91
44) Trichloroethene	8.935	130	212000	145.936	ug/l	97
45) 1,2-Dichloropropane	9.209	63	174299	130.014	ug/l	98
46) Dibromomethane	9.301	93	102749	133.678	ug/l	98
47) Bromodichloromethane	9.490	83	258085	139.879	ug/l	98
48) Methyl methacrylate	9.283	41	109822	130.613	ug/l	88
49) 1,4-Dioxane	9.295	88	25178	2494.442	ug/l #	99
51) 4-Methyl-2-Pentanone	10.063	43	613390	646.379	ug/l	92
52) Toluene	10.240	92	500892	138.926	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	240088	141.698	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	284488	136.365	ug/l #	92
55) 1,1,2-Trichloroethane	10.642	97	134609	134.608	ug/l	99
56) Ethyl methacrylate	10.508	69	192455	136.764	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	227052	133.746	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	514271	680.550	ug/l	98
59) 2-Hexanone	10.825	43	428333	653.174	ug/l	90
60) Dibromochloromethane	10.977	129	180257	147.546	ug/l	98
61) 1,2-Dibromoethane	11.081	107	129612	137.640	ug/l	98
64) Tetrachloroethene	10.715	164	195886	148.892	ug/l	97
65) Chlorobenzene	11.514	112	545433	142.401	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	185185	149.523	ug/l	98
67) Ethyl Benzene	11.587	91	982697	140.957	ug/l	99
68) m/p-Xylenes	11.697	106	757279	288.471	ug/l	99
69) o-Xylene	12.026	106	351953	139.274	ug/l	99
70) Styrene	12.038	104	591766	143.324	ug/l	98
71) Bromoform	12.203	173	101214	155.126	ug/l #	98
73) Isopropylbenzene	12.325	105	918843	140.039	ug/l	99
74) N-amyl acetate	12.142	43	216036	135.268	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	145819	126.249	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	92624m	118.093	ug/l	
77) Bromobenzene	12.605	156	209065	150.069	ug/l	95
78) n-propylbenzene	12.666	91	1082581	137.471	ug/l	99
79) 2-Chlorotoluene	12.751	91	588673	137.503	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	724378	141.749	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	50596	134.822	ug/l	96
82) 4-Chlorotoluene	12.849	91	593687	137.808	ug/l	99
83) tert-Butylbenzene	13.068	119	683113	144.558	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	725069	144.926	ug/l	100
85) sec-Butylbenzene	13.251	105	966526	138.883	ug/l	99
86) p-Isopropyltoluene	13.367	119	812902	144.729	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	401641	146.156	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	385986	142.973	ug/l	99
89) n-Butylbenzene	13.690	91	740465	138.732	ug/l	99
90) Hexachloroethane	13.959	117	155427	147.636	ug/l	99
91) 1,2-Dichlorobenzene	13.733	146	340265	142.292	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	22121	125.859	ug/l	97
93) 1,2,4-Trichlorobenzene	15.001	180	209523	162.008	ug/l	98
94) Hexachlorobutadiene	15.111	225	108996	158.686	ug/l	98
95) Naphthalene	15.233	128	415517	159.975	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	178315	162.959	ug/l	99

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

