

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062024\
 Data File : VY018651.D
 Acq On : 20 Jun 2024 12:47
 Operator : SY/MD
 Sample : VY0620SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0620SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/21/2024
 Supervised By :Semsettin Yesilyurt 06/21/2024

Quant Time: Jun 21 01:04:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	140761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	234305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	203660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	78098	55.108	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.220%			
35) Dibromofluoromethane	7.704	113	85218	59.622	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 119.240%			
50) Toluene-d8	10.173	98	323819	58.913	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 117.820%			
62) 4-Bromofluorobenzene	12.477	95	103107	59.405	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 118.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	17129	18.476	ug/l	98
3) Chloromethane	2.101	50	28657	15.008	ug/l	100
4) Vinyl Chloride	2.235	62	35636	15.071	ug/l	99
5) Bromomethane	2.625	94	27643	15.728	ug/l	97
6) Chloroethane	2.778	64	24483	15.806	ug/l	98
7) Trichlorofluoromethane	3.101	101	47833	18.785	ug/l	92
8) Diethyl Ether	3.509	74	13308	18.330	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.875	101	26631	20.017	ug/l	97
10) Methyl Iodide	4.076	142	23866	15.324	ug/l	99
11) Tert butyl alcohol	4.948	59	10207	40.041	ug/l #	87
12) 1,1-Dichloroethene	3.845	96	23878	17.859	ug/l	89
13) Acrolein	3.717	56	5979	72.956	ug/l	96
14) Allyl chloride	4.460	41	30314	16.818	ug/l	98
15) Acrylonitrile	5.143	53	29047	89.933	ug/l	99
16) Acetone	3.930	43	22748	78.897	ug/l	96
17) Carbon Disulfide	4.174	76	46426	13.160	ug/l	99
18) Methyl Acetate	4.460	43	12762	17.450	ug/l	96
19) Methyl tert-butyl Ether	5.204	73	64357	18.045	ug/l	99
20) Methylene Chloride	4.698	84	38822	15.702	ug/l	98
21) trans-1,2-Dichloroethene	5.204	96	26203	17.216	ug/l	88
22) Diisopropyl ether	6.094	45	75261	18.495	ug/l	92
23) Vinyl Acetate	6.039	43	223560	72.765	ug/l	99
24) 1,1-Dichloroethane	5.997	63	45868	17.496	ug/l	99
25) 2-Butanone	6.972	43	36932	85.454	ug/l	91
26) 2,2-Dichloropropane	6.960	77	37028	16.765	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	33163	18.039	ug/l	99
28) Bromochloromethane	7.320	49	19845	18.469	ug/l	98
29) Tetrahydrofuran	7.338	42	24071	90.757	ug/l	96
30) Chloroform	7.490	83	52314	18.311	ug/l	96
31) Cyclohexane	7.771	56	36411	16.773	ug/l	97
32) 1,1,1-Trichloroethane	7.691	97	44571	18.363	ug/l	99
36) 1,1-Dichloropropene	7.905	75	34588	17.581	ug/l	99
37) Ethyl Acetate	7.064	43	17896	19.296	ug/l	97
38) Carbon Tetrachloride	7.887	117	38276	18.544	ug/l	93
39) Methylcyclohexane	9.173	83	43276	17.952	ug/l	99
40) Benzene	8.149	78	108548	17.840	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	7978m	17.104	ug/l	
42) 1,2-Dichloroethane	8.228	62	28007	17.644	ug/l	99
43) Isopropyl Acetate	8.265	43	31448	18.167	ug/l #	85
44) Trichloroethene	8.929	130	28667	17.996	ug/l	100
45) 1,2-Dichloropropane	9.209	63	25762	18.517	ug/l	98
46) Dibromomethane	9.301	93	16537	19.156	ug/l	96
47) Bromodichloromethane	9.490	83	39503	19.173	ug/l	97
48) Methyl methacrylate	9.283	41	13801	17.710	ug/l	96
49) 1,4-Dioxane	9.289	88	3730	328.535	ug/l #	97
51) 4-Methyl-2-Pentanone	10.063	43	84970	93.190	ug/l	97
52) Toluene	10.240	92	71239	18.236	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	32310	17.945	ug/l	94
54) cis-1,3-Dichloropropene	9.923	75	39402	18.134	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	22542	19.632	ug/l	97
56) Ethyl methacrylate	10.508	69	27659	18.409	ug/l	91
57) 1,3-Dichloropropane	10.782	76	34775	18.232	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	72143	99.460	ug/l	100
59) 2-Hexanone	10.825	43	58744	91.977	ug/l	96
60) Dibromochloromethane	10.977	129	27242	19.099	ug/l	98
61) 1,2-Dibromoethane	11.087	107	20346	19.174	ug/l	97
64) Tetrachloroethene	10.715	164	28800	19.827	ug/l	97
65) Chlorobenzene	11.508	112	82974	19.722	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	26843	19.039	ug/l	99
67) Ethyl Benzene	11.587	91	136487	18.697	ug/l	96
68) m/p-Xylenes	11.697	106	109030	38.383	ug/l	99
69) o-Xylene	12.026	106	51097	18.706	ug/l	99
70) Styrene	12.038	104	87386	19.365	ug/l	98
71) Bromoform	12.203	173	14683	18.980	ug/l #	99
73) Isopropylbenzene	12.325	105	135654	18.556	ug/l	99
74) N-amyl acetate	12.142	43	29279	19.558	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.575	83	25136	19.364	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	18375m	19.567	ug/l	
77) Bromobenzene	12.605	156	31950	18.898	ug/l	98
78) n-propylbenzene	12.666	91	162632	19.009	ug/l	99
79) 2-Chlorotoluene	12.752	91	90446	18.728	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	109950	18.977	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	6722	18.749	ug/l	91
82) 4-Chlorotoluene	12.849	91	93391	19.203	ug/l	98
83) tert-Butylbenzene	13.069	119	99907	18.631	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	109688	18.941	ug/l	100
85) sec-Butylbenzene	13.251	105	152030	19.878	ug/l	99
86) p-Isopropyltoluene	13.367	119	126233	19.469	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	64174	18.819	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	65346	19.528	ug/l	98
89) n-Butylbenzene	13.690	91	117724	20.144	ug/l	98
90) Hexachloroethane	13.959	117	22551	19.146	ug/l	95
91) 1,2-Dichlorobenzene	13.733	146	57243	19.651	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.349	75	3112	16.557	ug/l	85
93) 1,2,4-Trichlorobenzene	15.001	180	33373	20.564	ug/l	98
94) Hexachlorobutadiene	15.105	225	17778	21.320	ug/l	96
95) Naphthalene	15.233	128	61732	20.355	ug/l	99
96) 1,2,3-Trichlorobenzene	15.416	180	29401	21.441	ug/l	99

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

