

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060724\
 Data File : VY018522.D
 Acq On : 07 Jun 2024 12:56
 Operator : SY/MD
 Sample : VY0607SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0607SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024
 Supervised By :Semsettin Yesilyurt 06/10/2024

Quant Time: Jun 07 23:10:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	44800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	72584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	66640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	45984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	40612	46.160	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.320%		
35) Dibromofluoromethane	7.703	113	40123	43.592	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.180%		
50) Toluene-d8	10.172	98	154302	42.140	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	84.280%		
62) 4-Bromofluorobenzene	12.477	95	47217	41.416	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	82.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.893	85	13171	18.512	ug/l	94
3) Chloromethane	2.107	50	31590	23.808	ug/l	98
4) Vinyl Chloride	2.241	62	36672	23.106	ug/l	97
5) Bromomethane	2.631	94	23803	22.480	ug/l	99
6) Chloroethane	2.784	64	23935	23.886	ug/l	94
7) Trichlorofluoromethane	3.113	101	34820	21.204	ug/l	95
8) Diethyl Ether	3.521	74	9902	20.041	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.881	101	18289	19.127	ug/l	90
10) Methyl Iodide	4.076	142	17605	18.744	ug/l	94
11) Tert butyl alcohol	4.929	59	13044	89.325	ug/l	98
12) 1,1-Dichloroethene	3.856	96	17320	18.429	ug/l	91
13) Acrolein	3.716	56	5912	65.649	ug/l	96
14) Allyl chloride	4.460	41	29253	21.253	ug/l #	93
15) Acrylonitrile	5.143	53	21926	97.036	ug/l	97
16) Acetone	3.930	43	19100	97.812	ug/l	89
17) Carbon Disulfide	4.173	76	50031	18.147	ug/l	99
18) Methyl Acetate	4.466	43	9944	20.364	ug/l	94
19) Methyl tert-butyl Ether	5.204	73	46174	20.385	ug/l	96
20) Methylene Chloride	4.698	84	30126	25.590	ug/l #	83
21) trans-1,2-Dichloroethene	5.204	96	19607	19.549	ug/l	91
22) Diisopropyl ether	6.106	45	63314	22.587	ug/l	93
23) Vinyl Acetate	6.045	43	192952	105.768	ug/l #	91
24) 1,1-Dichloroethane	6.002	63	37903	21.679	ug/l	96
25) 2-Butanone	6.966	43	30485	101.906	ug/l #	80
26) 2,2-Dichloropropane	6.972	77	30775	20.027	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	23121	19.818	ug/l	88
28) Bromochloromethane	7.319	49	16311	20.273	ug/l #	78
29) Tetrahydrofuran	7.338	42	18676	96.131	ug/l	89
30) Chloroform	7.496	83	37279	21.259	ug/l	96
31) Cyclohexane	7.777	56	32696	19.932	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	30328	19.746	ug/l	93
36) 1,1-Dichloropropene	7.911	75	27984	19.940	ug/l	95
37) Ethyl Acetate	7.057	43	13265	18.920	ug/l	99
38) Carbon Tetrachloride	7.892	117	25238	17.946	ug/l	97
39) Methylcyclohexane	9.179	83	34358	18.110	ug/l	91
40) Benzene	8.155	78	86119	20.480	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	6869	20.142	ug/l	93
42) 1,2-Dichloroethane	8.228	62	22093	21.611	ug/l	98
43) Isopropyl Acetate	8.264	43	24821	18.934	ug/l #	83
44) Trichloroethene	8.935	130	19107	18.336	ug/l	93
45) 1,2-Dichloropropane	9.203	63	20548	21.367	ug/l	100
46) Dibromomethane	9.295	93	10866	19.708	ug/l	88
47) Bromodichloromethane	9.490	83	26668	20.150	ug/l	98
48) Methyl methacrylate	9.288	41	11398	18.898	ug/l	92
49) 1,4-Dioxane	9.295	88	2968	409.921	ug/l #	91
51) 4-Methyl-2-Pentanone	10.063	43	67152	98.649	ug/l	89
52) Toluene	10.239	92	51743	20.007	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	24257	19.958	ug/l	97
54) cis-1,3-Dichloropropene	9.922	75	29222	19.527	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	14461	20.160	ug/l	93
56) Ethyl methacrylate	10.508	69	20151	19.963	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	24973	20.507	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	49628	91.554	ug/l	96
59) 2-Hexanone	10.831	43	44739	95.108	ug/l	88
60) Dibromochloromethane	10.983	129	16390	18.702	ug/l	96
61) 1,2-Dibromoethane	11.081	107	12881	19.069	ug/l	99
64) Tetrachloroethene	10.715	164	17775	18.108	ug/l	90
65) Chlorobenzene	11.514	112	55220	19.322	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	16413	17.762	ug/l	99
67) Ethyl Benzene	11.587	91	99349	19.100	ug/l	99
68) m/p-Xylenes	11.697	106	73279	37.413	ug/l	97
69) o-Xylene	12.026	106	34944	18.533	ug/l	97
70) Styrene	12.038	104	57419	18.639	ug/l	96
71) Bromoform	12.203	173	7373	15.145	ug/l #	99
73) Isopropylbenzene	12.324	105	90793	19.133	ug/l	98
74) N-amyl acetate	12.142	43	22127	19.157	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	16756	20.059	ug/l	96
76) 1,2,3-Trichloropropane	12.629	75	10888m	19.095	ug/l	
77) Bromobenzene	12.605	156	18427	18.289	ug/l	84
78) n-propylbenzene	12.672	91	114780	20.154	ug/l	97
79) 2-Chlorotoluene	12.751	91	62163	20.077	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	73752	19.956	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.373	75	4599	16.945	ug/l	87
82) 4-Chlorotoluene	12.849	91	63829	20.487	ug/l	98
83) tert-Butylbenzene	13.074	119	65559	19.183	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	72212	19.958	ug/l	99
85) sec-Butylbenzene	13.251	105	98190	19.509	ug/l	98
86) p-Isopropyltoluene	13.367	119	79262	19.513	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	38037	19.139	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	38308	19.620	ug/l	96
89) n-Butylbenzene	13.696	91	79560	20.611	ug/l	97
90) Hexachloroethane	13.958	117	13991	18.376	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	32918	19.034	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2024	15.923	ug/l	80
93) 1,2,4-Trichlorobenzene	15.001	180	16908	18.077	ug/l	98
94) Hexachlorobutadiene	15.111	225	8469	17.049	ug/l	96
95) Naphthalene	15.233	128	31478	16.757	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	14097	17.814	ug/l	96

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

