

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071024\
 Data File : VY018761.D
 Acq On : 10 Jul 2024 12:03
 Operator : SY/MD
 Sample : VY0710SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/11/2024
 Supervised By :Semsettin Yesilyurt 07/11/2024

Quant Time: Jul 11 02:21:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	117807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	184043	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	159088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	80088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	57502	49.603	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.200%		
35) Dibromofluoromethane	7.704	113	57045	49.488	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.980%		
50) Toluene-d8	10.173	98	213025	48.779	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.560%		
62) 4-Bromofluorobenzene	12.477	95	72432	48.567	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.140%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.894	85	18851	19.097	ug/l	97
3) Chloromethane	2.107	50	28316	18.876	ug/l	100
4) Vinyl Chloride	2.241	62	34410	19.609	ug/l	98
5) Bromomethane	2.631	94	24172	20.026	ug/l	97
6) Chloroethane	2.778	64	22523	19.756	ug/l	99
7) Trichlorofluoromethane	3.101	101	47994	20.930	ug/l	98
8) Diethyl Ether	3.515	74	11925	21.337	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.875	101	23845	20.268	ug/l	93
10) Methyl Iodide	4.070	142	24813	19.585	ug/l	97
11) Tert butyl alcohol	4.936	59	10568m	89.992	ug/l	
12) 1,1-Dichloroethene	3.851	96	21975	19.307	ug/l	88
13) Acrolein	3.710	56	9085	96.561	ug/l	98
14) Allyl chloride	4.466	41	27446	19.465	ug/l	89
15) Acrylonitrile	5.143	53	23548	106.802	ug/l	100
16) Acetone	3.936	43	20194	94.488	ug/l #	85
17) Carbon Disulfide	4.174	76	61971	19.445	ug/l	97
18) Methyl Acetate	4.466	43	12638	20.351	ug/l	93
19) Methyl tert-butyl Ether	5.198	73	53647	20.319	ug/l	91
20) Methylene Chloride	4.698	84	29554	21.598	ug/l	99
21) trans-1,2-Dichloroethene	5.204	96	24410	20.320	ug/l	91
22) Diisopropyl ether	6.100	45	60754	19.808	ug/l #	86
23) Vinyl Acetate	6.039	43	250983	103.866	ug/l	99
24) 1,1-Dichloroethane	6.003	63	38938	19.883	ug/l	99
25) 2-Butanone	6.972	43	30503	101.820	ug/l #	86
26) 2,2-Dichloropropane	6.966	77	34764	19.132	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	27577	19.718	ug/l	97
28) Bromochloromethane	7.313	49	15818	20.111	ug/l	97
29) Tetrahydrofuran	7.338	42	19948	108.614	ug/l	95
30) Chloroform	7.496	83	43688	20.017	ug/l	96
31) Cyclohexane	7.771	56	35889	20.151	ug/l	91
32) 1,1,1-Trichloroethane	7.685	97	41091	20.247	ug/l	99
36) 1,1-Dichloropropene	7.905	75	30647	19.266	ug/l	97
37) Ethyl Acetate	7.063	43	13746	20.789	ug/l	97
38) Carbon Tetrachloride	7.893	117	38285	19.982	ug/l	94
39) Methylcyclohexane	9.173	83	41994	20.600	ug/l	96
40) Benzene	8.149	78	91039	19.728	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	9139m	24.243	ug/l	
42) 1,2-Dichloroethane	8.228	62	26954	20.862	ug/l	96
43) Isopropyl Acetate	8.264	43	26728	20.315	ug/l	93
44) Trichloroethene	8.935	130	27969	21.203	ug/l	97
45) 1,2-Dichloropropane	9.209	63	19940	19.843	ug/l	99
46) Dibromomethane	9.301	93	13104	20.118	ug/l	97
47) Bromodichloromethane	9.490	83	31410	19.303	ug/l	92
48) Methyl methacrylate	9.289	41	12011	20.084	ug/l #	85
49) 1,4-Dioxane	9.295	88	3357	439.664	ug/l #	94
51) 4-Methyl-2-Pentanone	10.063	43	69778	103.876	ug/l	94
52) Toluene	10.240	92	60728	19.799	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	27921	19.873	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	31949	19.384	ug/l #	89
55) 1,1,2-Trichloroethane	10.636	97	17054	20.676	ug/l	94
56) Ethyl methacrylate	10.502	69	22778	20.976	ug/l #	86
57) 1,3-Dichloropropane	10.782	76	28085	20.540	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	54234	104.536	ug/l	95
59) 2-Hexanone	10.825	43	49477	105.282	ug/l	89
60) Dibromochloromethane	10.977	129	22769	20.091	ug/l	99
61) 1,2-Dibromoethane	11.087	107	16578	20.674	ug/l	94
64) Tetrachloroethene	10.715	164	26687	20.725	ug/l	98
65) Chlorobenzene	11.514	112	69368	20.670	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	22855	19.766	ug/l	96
67) Ethyl Benzene	11.587	91	117238	19.942	ug/l	100
68) m/p-Xylenes	11.697	106	92481	40.086	ug/l	100
69) o-Xylene	12.026	106	43861	20.222	ug/l	99
70) Styrene	12.038	104	72121	19.928	ug/l	98
71) Bromoform	12.203	173	12981	20.596	ug/l #	100
73) Isopropylbenzene	12.325	105	116949	19.952	ug/l	99
74) N-amyl acetate	12.142	43	25119	20.955	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	19104	20.675	ug/l	95
76) 1,2,3-Trichloropropane	12.630	75	13383m	21.335	ug/l	
77) Bromobenzene	12.605	156	26575	18.992	ug/l	97
78) n-propylbenzene	12.666	91	136652	19.632	ug/l	95
79) 2-Chlorotoluene	12.751	91	75432	19.273	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	94783	19.763	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	5527	19.720	ug/l #	82
82) 4-Chlorotoluene	12.849	91	77983	19.350	ug/l	99
83) tert-Butylbenzene	13.068	119	87935	19.860	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	93048	19.524	ug/l	99
85) sec-Butylbenzene	13.251	105	126722	20.163	ug/l	96
86) p-Isopropyltoluene	13.367	119	104266	19.217	ug/l	95
87) 1,3-Dichlorobenzene	13.361	146	53633	19.515	ug/l	97
88) 1,4-Dichlorobenzene	13.440	146	54533	20.021	ug/l	99
89) n-Butylbenzene	13.690	91	96279	19.574	ug/l	98
90) Hexachloroethane	13.959	117	18582	18.416	ug/l	94
91) 1,2-Dichlorobenzene	13.733	146	47694	20.090	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3081	20.578	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	28627	19.754	ug/l	98
94) Hexachlorobutadiene	15.111	225	16492	19.744	ug/l	97
95) Naphthalene	15.233	128	53195	21.397	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	24936	20.110	ug/l	99

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

