

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071724\
 Data File : VY018847.D
 Acq On : 17 Jul 2024 15:15
 Operator : SY/MD
 Sample : VY0717SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0717SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/18/2024
 Supervised By :Semsettin Yesilyurt 07/18/2024

Quant Time: Jul 18 01:27:24 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	102382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	159867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	139615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	69296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	51910	51.526	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.060%			
35) Dibromofluoromethane	7.703	113	53411	53.343	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.680%			
50) Toluene-d8	10.173	98	193310	50.959	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.920%			
62) 4-Bromofluorobenzene	12.477	95	67173	51.852	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.700%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	15078	17.576	ug/l	99
3) Chloromethane	2.107	50	23528	18.048	ug/l	97
4) Vinyl Chloride	2.241	62	28793	18.880	ug/l	95
5) Bromomethane	2.631	94	21438	20.437	ug/l	94
6) Chloroethane	2.778	64	19039	19.216	ug/l	96
7) Trichlorofluoromethane	3.107	101	39049	19.595	ug/l	99
8) Diethyl Ether	3.515	74	9965	20.516	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.875	101	20696	20.241	ug/l	98
10) Methyl Iodide	4.070	142	19618	17.818	ug/l	91
11) Tert butyl alcohol	4.930	59	9956m	97.554	ug/l	
12) 1,1-Dichloroethene	3.844	96	18506	18.709	ug/l	96
13) Acrolein	3.710	56	6058	74.089	ug/l	96
14) Allyl chloride	4.460	41	22408	18.286	ug/l #	88
15) Acrylonitrile	5.143	53	19230	100.358	ug/l	97
16) Acetone	3.930	43	18207	98.026	ug/l #	81
17) Carbon Disulfide	4.174	76	47960	17.316	ug/l	99
18) Methyl Acetate	4.460	43	10647	19.728	ug/l	98
19) Methyl tert-butyl Ether	5.198	73	45332	19.756	ug/l	91
20) Methylene Chloride	4.692	84	36947	33.485	ug/l	97
21) trans-1,2-Dichloroethene	5.198	96	19951	19.111	ug/l	93
22) Diisopropyl ether	6.094	45	52940	19.861	ug/l #	86
23) Vinyl Acetate	6.039	43	201467	95.936	ug/l	94
24) 1,1-Dichloroethane	5.996	63	33224	19.522	ug/l	99
25) 2-Butanone	6.972	43	25633	98.455	ug/l	96
26) 2,2-Dichloropropane	6.972	77	31546	19.977	ug/l	96
27) cis-1,2-Dichloroethene	6.966	96	24169	19.885	ug/l	98
28) Bromochloromethane	7.313	49	14305	20.927	ug/l	98
29) Tetrahydrofuran	7.338	42	15164	95.006	ug/l	97
30) Chloroform	7.490	83	38261	20.172	ug/l	99
31) Cyclohexane	7.777	56	29636	19.147	ug/l	94
32) 1,1,1-Trichloroethane	7.691	97	35749	20.268	ug/l	99
36) 1,1-Dichloropropene	7.905	75	26195	18.957	ug/l	98
37) Ethyl Acetate	7.057	43	11272	19.625	ug/l #	77
38) Carbon Tetrachloride	7.886	117	32171	19.330	ug/l #	94
39) Methylcyclohexane	9.173	83	34288	19.363	ug/l	95
40) Benzene	8.149	78	78046	19.470	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	7305m	22.308	ug/l	
42) 1,2-Dichloroethane	8.228	62	22443	19.997	ug/l	99
43) Isopropyl Acetate	8.264	43	21565	18.869	ug/l	95
44) Trichloroethene	8.935	130	22691	19.803	ug/l	89
45) 1,2-Dichloropropane	9.209	63	17341	19.866	ug/l	96
46) Dibromomethane	9.295	93	11221	19.832	ug/l	96
47) Bromodichloromethane	9.490	83	28404	20.095	ug/l	99
48) Methyl methacrylate	9.289	41	9919	19.094	ug/l	87
49) 1,4-Dioxane	9.282	88	2531	381.612	ug/l #	99
51) 4-Methyl-2-Pentanone	10.063	43	56210	96.332	ug/l	93
52) Toluene	10.240	92	51903	19.481	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	23037	18.877	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	27589	19.270	ug/l #	89
55) 1,1,2-Trichloroethane	10.636	97	14633	20.424	ug/l	91
56) Ethyl methacrylate	10.502	69	17734	18.800	ug/l #	86
57) 1,3-Dichloropropane	10.782	76	23628	19.894	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	45252	100.414	ug/l	91
59) 2-Hexanone	10.825	43	40606	99.472	ug/l	89
60) Dibromochloromethane	10.977	129	20598	20.924	ug/l	90
61) 1,2-Dibromoethane	11.081	107	14714	21.124	ug/l	93
64) Tetrachloroethene	10.715	164	22899	20.263	ug/l	97
65) Chlorobenzene	11.508	112	58651	19.914	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	19961	19.671	ug/l	96
67) Ethyl Benzene	11.587	91	100172	19.415	ug/l	98
68) m/p-Xylenes	11.697	106	78292	38.669	ug/l	97
69) o-Xylene	12.026	106	36657	19.258	ug/l	97
70) Styrene	12.038	104	62133	19.563	ug/l	97
71) Bromoform	12.203	173	10855	19.625	ug/l #	100
73) Isopropylbenzene	12.325	105	100299	19.777	ug/l	99
74) N-amyl acetate	12.142	43	19214	18.525	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.575	83	15382	19.239	ug/l	95
76) 1,2,3-Trichloropropane	12.629	75	10178m	18.753	ug/l	
77) Bromobenzene	12.605	156	24085	19.893	ug/l	94
78) n-propylbenzene	12.666	91	117309	19.478	ug/l	98
79) 2-Chlorotoluene	12.751	91	65813	19.434	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	80340	19.361	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	4856	20.024	ug/l	90
82) 4-Chlorotoluene	12.855	91	69335	19.883	ug/l	100
83) tert-Butylbenzene	13.068	119	75141	19.614	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	80803	19.596	ug/l	100
85) sec-Butylbenzene	13.251	105	108568	19.965	ug/l	96
86) p-Isopropyltoluene	13.367	119	93547	19.927	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	47899	20.143	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	45791	19.429	ug/l	95
89) n-Butylbenzene	13.696	91	82503	19.385	ug/l	97
90) Hexachloroethane	13.958	117	16732	19.165	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	41922	20.409	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2451	18.919	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	25326	20.198	ug/l	98
94) Hexachlorobutadiene	15.111	225	14298	19.783	ug/l	97
95) Naphthalene	15.233	128	42745	19.872	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	21725	20.250	ug/l	98

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

