

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072424\
 Data File : VY018905.D
 Acq On : 24 Jul 2024 12:44
 Operator : SY/MD
 Sample : VY0724SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0724SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/25/2024
 Supervised By :Semsettin Yesilyurt 07/25/2024

Quant Time: Jul 25 01:27:37 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	7.783	168	88578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	140380	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	122849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	62121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	46645	53.515	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.020%			
35) Dibromofluoromethane	7.710	113	48448	55.103	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.200%			
50) Toluene-d8	10.173	98	170577	51.208	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.420%			
62) 4-Bromofluorobenzene	12.477	95	59500	52.305	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	14687	19.788	ug/l	95
3) Chloromethane	2.107	50	19629	17.403	ug/l	97
4) Vinyl Chloride	2.241	62	25212	19.108	ug/l	94
5) Bromomethane	2.625	94	19735	21.745	ug/l	94
6) Chloroethane	2.778	64	16652	19.426	ug/l #	88
7) Trichlorofluoromethane	3.107	101	36792	21.339	ug/l	91
8) Diethyl Ether	3.515	74	9587	22.814	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.881	101	19353	21.878	ug/l	93
10) Methyl Iodide	4.082	142	19187	20.142	ug/l	94
11) Tert butyl alcohol	4.942	59	11033	124.954	ug/l #	91
12) 1,1-Dichloroethene	3.857	96	18069	21.114	ug/l	95
13) Acrolein	3.716	56	4456	62.990	ug/l	93
14) Allyl chloride	4.466	41	22225	20.963	ug/l	92
15) Acrylonitrile	5.143	53	20302	122.465	ug/l	99
16) Acetone	3.930	43	19323	120.247	ug/l #	77
17) Carbon Disulfide	4.180	76	41017	17.117	ug/l	98
18) Methyl Acetate	4.460	43	11748	25.161	ug/l	96
19) Methyl tert-butyl Ether	5.204	73	47107	23.729	ug/l	92
20) Methylene Chloride	4.692	84	31825	33.314	ug/l	95
21) trans-1,2-Dichloroethene	5.204	96	18441	20.417	ug/l	95
22) Diisopropyl ether	6.112	45	52055	22.572	ug/l	92
23) Vinyl Acetate	6.045	43	203329	111.911	ug/l	100
24) 1,1-Dichloroethane	6.003	63	32994	22.408	ug/l	97
25) 2-Butanone	6.978	43	28899	128.298	ug/l	94
26) 2,2-Dichloropropane	6.978	77	29648	21.701	ug/l	96
27) cis-1,2-Dichloroethene	6.966	96	23136	22.001	ug/l	96
28) Bromochloromethane	7.319	49	14142	23.913	ug/l	96
29) Tetrahydrofuran	7.338	42	18153	131.456	ug/l	89
30) Chloroform	7.502	83	38846	23.672	ug/l	95
31) Cyclohexane	7.777	56	25380	18.953	ug/l	91
32) 1,1,1-Trichloroethane	7.691	97	34838	22.830	ug/l	97
36) 1,1-Dichloropropene	7.905	75	24604	20.278	ug/l	96
37) Ethyl Acetate	7.063	43	12838	25.455	ug/l	96
38) Carbon Tetrachloride	7.893	117	31513	21.564	ug/l	95
39) Methylcyclohexane	9.179	83	32393	20.832	ug/l	96
40) Benzene	8.149	78	78707	22.361	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	6659	23.158	ug/l	94
42) 1,2-Dichloroethane	8.234	62	23056	23.395	ug/l	97
43) Isopropyl Acetate	8.270	43	23674	23.590	ug/l	94
44) Trichloroethene	8.929	130	22888	22.748	ug/l	92
45) 1,2-Dichloropropane	9.209	63	17945	23.412	ug/l	99
46) Dibromomethane	9.295	93	11909	23.970	ug/l	99
47) Bromodichloromethane	9.490	83	29251	23.567	ug/l #	90
48) Methyl methacrylate	9.282	41	11381	24.950	ug/l	87
49) 1,4-Dioxane	9.282	88	2935	503.954	ug/l #	92
51) 4-Methyl-2-Pentanone	10.063	43	62461	121.904	ug/l	92
52) Toluene	10.240	92	51917	22.192	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	24670	23.021	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	28786	22.897	ug/l #	90
55) 1,1,2-Trichloroethane	10.642	97	15237	24.219	ug/l	94
56) Ethyl methacrylate	10.508	69	19602	23.665	ug/l #	81
57) 1,3-Dichloropropane	10.782	76	25382	24.337	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	43565	110.089	ug/l	92
59) 2-Hexanone	10.825	43	44703	124.710	ug/l	92
60) Dibromochloromethane	10.977	129	21605	24.993	ug/l	95
61) 1,2-Dibromoethane	11.087	107	14897	24.356	ug/l	97
64) Tetrachloroethene	10.715	164	24282	24.420	ug/l	98
65) Chlorobenzene	11.514	112	59769	23.063	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	20737	23.225	ug/l	99
67) Ethyl Benzene	11.587	91	100004	22.028	ug/l	93
68) m/p-Xylenes	11.697	106	77875	43.712	ug/l	97
69) o-Xylene	12.026	106	37750	22.539	ug/l	99
70) Styrene	12.038	104	64471	23.069	ug/l	99
71) Bromoform	12.209	173	11952	24.558	ug/l #	98
73) Isopropylbenzene	12.325	105	99185	21.816	ug/l	99
74) N-amyl acetate	12.142	43	20994	22.579	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	17093	23.849	ug/l	92
76) 1,2,3-Trichloropropane	12.629	75	11340m	23.307	ug/l	
77) Bromobenzene	12.605	156	24734	22.789	ug/l	95
78) n-propylbenzene	12.666	91	117512	21.766	ug/l	97
79) 2-Chlorotoluene	12.751	91	66651	21.955	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	82428	22.158	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	5267	24.228	ug/l #	84
82) 4-Chlorotoluene	12.849	91	69498	22.232	ug/l	97
83) tert-Butylbenzene	13.068	119	77570	22.586	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	82666	22.363	ug/l	99
85) sec-Butylbenzene	13.251	105	108951	22.350	ug/l	95
86) p-Isopropyltoluene	13.367	119	91043	21.633	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	48941	22.959	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	49250	23.311	ug/l	96
89) n-Butylbenzene	13.696	91	83656	21.926	ug/l	97
90) Hexachloroethane	13.958	117	17848	22.804	ug/l	99
91) 1,2-Dichlorobenzene	13.733	146	44364	24.093	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2734	23.541	ug/l	96
93) 1,2,4-Trichlorobenzene	15.001	180	27546	24.505	ug/l	98
94) Hexachlorobutadiene	15.111	225	15521	23.955	ug/l	94
95) Naphthalene	15.233	128	47155	24.454	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	23315	24.242	ug/l	98

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

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