

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062724\
 Data File : VY018714.D
 Acq On : 27 Jun 2024 12:55
 Operator : SY/MD
 Sample : VY0627SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0627SBS01

Quant Time: Jun 28 03:12:10 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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/28/2024
 Supervised By :Mahesh Dadoda 06/28/2024

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	121738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	195761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	171390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	84882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	56008	45.697	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.400%		
35) Dibromofluoromethane	7.704	113	63225	52.944	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	105.880%		
50) Toluene-d8	10.173	98	240738	52.421	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	104.840%		
62) 4-Bromofluorobenzene	12.477	95	75038	51.745	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	103.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	25928	32.337	ug/l	99
3) Chloromethane	2.101	50	36586	22.155	ug/l	97
4) Vinyl Chloride	2.235	62	49901	24.401	ug/l	94
5) Bromomethane	2.625	94	34720	22.841	ug/l	97
6) Chloroethane	2.772	64	30686	22.906	ug/l	98
7) Trichlorofluoromethane	3.101	101	62003	28.155	ug/l	97
8) Diethyl Ether	3.509	74	15316	24.392	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.881	101	32233	28.013	ug/l	97
10) Methyl Iodide	4.070	142	35093	25.568	ug/l	97
11) Tert butyl alcohol	4.930	59	13907	63.081	ug/l #	91
12) 1,1-Dichloroethene	3.857	96	31302	27.070	ug/l	86
13) Acrolein	3.704	56	4047	57.098	ug/l	96
14) Allyl chloride	4.460	41	34114	21.883	ug/l	94
15) Acrylonitrile	5.143	53	28991	103.785	ug/l	96
16) Acetone	3.936	43	25512	102.310	ug/l	94
17) Carbon Disulfide	4.174	76	86752	25.859	ug/l	97
18) Methyl Acetate	4.466	43	13587	21.482	ug/l	99
19) Methyl tert-butyl Ether	5.204	73	68643	22.254	ug/l	95
20) Methylene Chloride	4.692	84	55096	32.763	ug/l	98
21) trans-1,2-Dichloroethene	5.198	96	34156	25.948	ug/l	96
22) Diisopropyl ether	6.100	45	80217	22.794	ug/l	94
23) Vinyl Acetate	6.039	43	307315	102.855	ug/l	99
24) 1,1-Dichloroethane	6.003	63	53439	23.570	ug/l	97
25) 2-Butanone	6.972	43	37154	99.401	ug/l	92
26) 2,2-Dichloropropane	6.966	77	46530	24.359	ug/l	98
27) cis-1,2-Dichloroethene	6.966	96	39038	24.553	ug/l	98
28) Bromochloromethane	7.320	49	15831	17.036	ug/l	94
29) Tetrahydrofuran	7.338	42	23136	100.863	ug/l	97
30) Chloroform	7.490	83	58941	23.854	ug/l	98
31) Cyclohexane	7.771	56	46779	24.916	ug/l	96
32) 1,1,1-Trichloroethane	7.691	97	54209	25.824	ug/l	99
36) 1,1-Dichloropropene	7.905	75	42913	26.107	ug/l	99
37) Ethyl Acetate	7.064	43	17601	22.715	ug/l	99
38) Carbon Tetrachloride	7.893	117	47568	27.584	ug/l	94
39) Methylcyclohexane	9.179	83	58598	29.094	ug/l	95
40) Benzene	8.149	78	131084	25.786	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	8317	21.341	ug/l #	92
42) 1,2-Dichloroethane	8.222	62	31509	23.758	ug/l	99
43) Isopropyl Acetate	8.265	43	30494	21.085	ug/l	99
44) Trichloroethene	8.929	130	36844	27.683	ug/l	99
45) 1,2-Dichloropropane	9.210	63	28076	24.153	ug/l	97
46) Dibromomethane	9.295	93	17999	24.955	ug/l	98
47) Bromodichloromethane	9.490	83	44009	25.565	ug/l	93
48) Methyl methacrylate	9.289	41	14880	22.854	ug/l	96
49) 1,4-Dioxane	9.289	88	4609	485.886	ug/l #	98
51) 4-Methyl-2-Pentanone	10.063	43	81983	107.618	ug/l	99
52) Toluene	10.240	92	86637	26.545	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	37290	24.788	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	62937	34.668	ug/l	98
55) 1,1,2-Trichloroethane	10.636	97	23440	24.434	ug/l	94
56) Ethyl methacrylate	10.502	69	29874	23.798	ug/l	96
57) 1,3-Dichloropropane	10.782	76	38295	24.031	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	59363	97.955	ug/l	95
59) 2-Hexanone	10.825	43	56077	105.089	ug/l	98
60) Dibromochloromethane	10.977	129	32254	27.066	ug/l	97
61) 1,2-Dibromoethane	11.087	107	23084	26.037	ug/l	97
64) Tetrachloroethene	10.715	164	35296	28.874	ug/l	98
65) Chlorobenzene	11.514	112	96217	27.176	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	31522	26.568	ug/l	99
67) Ethyl Benzene	11.587	91	163162	26.559	ug/l	96
68) m/p-Xylenes	11.697	106	129757	54.281	ug/l	98
69) o-Xylene	12.026	106	61724	26.851	ug/l	97
70) Styrene	12.038	104	100682	26.512	ug/l	99
71) Bromoform	12.203	173	17313	26.593	ug/l #	99
73) Isopropylbenzene	12.325	105	159876	25.793	ug/l	99
74) N-amyl acetate	12.142	43	27629	21.768	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.575	83	25252	22.944	ug/l	96
76) 1,2,3-Trichloropropane	12.630	75	19127m	24.022	ug/l	
77) Bromobenzene	12.605	156	38170	26.628	ug/l	92
78) n-propylbenzene	12.666	91	187057	25.787	ug/l	96
79) 2-Chlorotoluene	12.752	91	101743	24.847	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	128528	26.164	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	7845	25.808	ug/l	99
82) 4-Chlorotoluene	12.849	91	101769	24.681	ug/l	94
83) tert-Butylbenzene	13.075	119	119759	26.340	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	127276	25.922	ug/l	97
85) sec-Butylbenzene	13.251	105	170294	26.262	ug/l	96
86) p-Isopropyltoluene	13.367	119	149118	27.125	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	76450	26.442	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	73494	25.904	ug/l	99
89) n-Butylbenzene	13.697	91	127541	25.739	ug/l	97
90) Hexachloroethane	13.959	117	26876	26.912	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	65598	26.559	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3702	23.230	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	39218	28.501	ug/l	98
94) Hexachlorobutadiene	15.111	225	23019	32.558	ug/l	99
95) Naphthalene	15.239	128	66361	25.807	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	33728	29.010	ug/l	99

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

