

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030824\
 Data File : VY017616.D
 Acq On : 08 Mar 2024 10:51
 Operator : SY/MD
 Sample : VY0308SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0308SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/11/2024
 Supervised By :Mahesh Dadoda 03/11/2024

Quant Time: Mar 08 22:21:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	132895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	210175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	183401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	71755	56.972	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.940%			
35) Dibromofluoromethane	7.722	113	83756	57.188	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.380%			
50) Toluene-d8	10.185	98	314523	61.422	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 122.840%			
62) 4-Bromofluorobenzene	12.483	95	95430	59.299	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 118.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	19308	19.696	ug/l	98
3) Chloromethane	2.113	50	30346	16.942	ug/l	100
4) Vinyl Chloride	2.247	62	42398	18.451	ug/l	100
5) Bromomethane	2.644	94	36912	19.712	ug/l	98
6) Chloroethane	2.790	64	29066	20.051	ug/l	99
7) Trichlorofluoromethane	3.119	101	46235	19.742	ug/l	94
8) Diethyl Ether	3.522	74	13791	20.077	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.893	101	29026	21.547	ug/l	99
10) Methyl Iodide	4.088	142	27883	18.444	ug/l	98
11) Tert butyl alcohol	4.948	59	11262	105.267	ug/l #	86
12) 1,1-Dichloroethene	3.863	96	24703	19.677	ug/l	98
13) Acrolein	3.723	56	13297	94.195	ug/l	97
14) Allyl chloride	4.479	41	29579	19.500	ug/l	97
15) Acrylonitrile	5.155	53	30284	107.250	ug/l	98
16) Acetone	3.942	43	28144	115.208	ug/l	98
17) Carbon Disulfide	4.192	76	55498	14.728	ug/l	100
18) Methyl Acetate	4.473	43	11326	19.110	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	61434	20.995	ug/l	96
20) Methylene Chloride	4.716	84	43397	27.805	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	28274	19.235	ug/l	95
22) Diisopropyl ether	6.119	45	77417	22.117	ug/l	94
23) Vinyl Acetate	6.058	43	223480	107.141	ug/l	95
24) 1,1-Dichloroethane	6.015	63	51160	21.393	ug/l	97
25) 2-Butanone	6.990	43	38382	110.248	ug/l	96
26) 2,2-Dichloropropane	6.984	77	44056	21.912	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	34451	20.875	ug/l	99
28) Bromochloromethane	7.338	49	18357	19.491	ug/l	100
29) Tetrahydrofuran	7.350	42	22115	105.378	ug/l	97
30) Chloroform	7.509	83	56226	22.084	ug/l	98
31) Cyclohexane	7.789	56	37381	18.237	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	47487	21.483	ug/l	99
36) 1,1-Dichloropropene	7.917	75	39149	19.812	ug/l	100
37) Ethyl Acetate	7.076	43	15513	19.877	ug/l #	95
38) Carbon Tetrachloride	7.905	117	41545	20.978	ug/l	98
39) Methylcyclohexane	9.185	83	43085	18.143	ug/l	96
40) Benzene	8.161	78	120719	20.572	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	8803m	22.477	ug/l	
42) 1,2-Dichloroethane	8.240	62	30155	21.061	ug/l	99
43) Isopropyl Acetate	8.277	43	28458	20.750	ug/l	98
44) Trichloroethene	8.941	130	34195	20.217	ug/l	100
45) 1,2-Dichloropropane	9.216	63	30067	21.536	ug/l	96
46) Dibromomethane	9.307	93	16361	20.476	ug/l	95
47) Bromodichloromethane	9.496	83	42716	22.018	ug/l	98
48) Methyl methacrylate	9.295	41	12180	19.187	ug/l	92
49) 1,4-Dioxane	9.301	88	3601	398.226	ug/l #	96
51) 4-Methyl-2-Pentanone	10.075	43	79564	104.093	ug/l	100
52) Toluene	10.246	92	77338	20.905	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	37814	20.999	ug/l	92
54) cis-1,3-Dichloropropene	9.935	75	45679	20.877	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	24259	21.384	ug/l	97
56) Ethyl methacrylate	10.514	69	25719	20.030	ug/l	98
57) 1,3-Dichloropropane	10.795	76	39493	21.412	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	59608	91.055	ug/l	100
59) 2-Hexanone	10.837	43	57364	109.261	ug/l	100
60) Dibromochloromethane	10.990	129	29113	21.693	ug/l	100
61) 1,2-Dibromoethane	11.093	107	22303	21.333	ug/l	98
64) Tetrachloroethene	10.728	164	33954	19.288	ug/l	95
65) Chlorobenzene	11.520	112	82474	21.186	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	31644	21.698	ug/l	98
67) Ethyl Benzene	11.599	91	141577	20.738	ug/l	97
68) m/p-Xylenes	11.709	106	112688	42.007	ug/l	97
69) o-Xylene	12.032	106	51535	20.707	ug/l	99
70) Styrene	12.050	104	87255	21.121	ug/l	98
71) Bromoform	12.209	173	17113	21.175	ug/l #	98
73) Isopropylbenzene	12.331	105	136597	21.268	ug/l	100
74) N-amyl acetate	12.148	43	24022	21.207	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	25744	23.342	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	20762m	25.277	ug/l	
77) Bromobenzene	12.611	156	33010	21.224	ug/l	98
78) n-propylbenzene	12.678	91	168584	21.876	ug/l	100
79) 2-Chlorotoluene	12.758	91	93288	21.621	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	110434	21.462	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	7576	21.193	ug/l	99
82) 4-Chlorotoluene	12.861	91	95572	21.657	ug/l	99
83) tert-Butylbenzene	13.081	119	98756	21.857	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	109944	21.643	ug/l	99
85) sec-Butylbenzene	13.258	105	150100	21.728	ug/l	100
86) p-Isopropyltoluene	13.373	119	122934	21.739	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	67278	21.550	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	66661	21.963	ug/l	98
89) n-Butylbenzene	13.703	91	111668	21.643	ug/l	99
90) Hexachloroethane	13.965	117	24978	22.032	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	57482	21.768	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3256	21.000	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	29447	21.112	ug/l	99
94) Hexachlorobutadiene	15.117	225	19083	22.160	ug/l	97
95) Naphthalene	15.239	128	47237	20.024	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	25568	21.368	ug/l	100

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

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