

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040224\
 Data File : VY017821.D
 Acq On : 02 Apr 2024 17:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 03 02:05:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	187408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	312410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	272401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	126706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76034	46.885	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.780%
35) Dibromofluoromethane	7.722	113	79951	44.288	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.580%
50) Toluene-d8	10.185	98	309288	45.865	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.740%
62) 4-Bromofluorobenzene	12.489	95	90762	44.238	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	57866	46.170	ug/l	100
3) Chloromethane	2.113	50	136404	55.763	ug/l	99
4) Vinyl Chloride	2.253	62	169749	53.099	ug/l	99
5) Bromomethane	2.650	94	131033	50.693	ug/l	98
6) Chloroethane	2.796	64	110676	53.062	ug/l	99
7) Trichlorofluoromethane	3.131	101	146386	46.956	ug/l	96
8) Diethyl Ether	3.527	74	40688	44.431	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.899	101	84011	44.935	ug/l	98
10) Methyl Iodide	4.088	142	96202	47.316	ug/l	99
11) Tert butyl alcohol	4.960	59	23638	195.224	ug/l #	82
12) 1,1-Dichloroethene	3.875	96	79552	45.471	ug/l	96
13) Acrolein	3.729	56	21963	193.307	ug/l	100
14) Allyl chloride	4.478	41	100512	46.829	ug/l	96
15) Acrylonitrile	5.161	53	80855	209.166	ug/l	98
16) Acetone	3.948	43	60863	181.561	ug/l	88
17) Carbon Disulfide	4.198	76	231891	46.837	ug/l	99
18) Methyl Acetate	4.472	43	33552	45.188	ug/l	97
19) Methyl tert-butyl Ether	5.216	73	177755	44.374	ug/l	99
20) Methylene Chloride	4.716	84	88343	42.614	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	88515	47.280	ug/l	97
22) Diisopropyl ether	6.118	45	238904	48.157	ug/l	96
23) Vinyl Acetate	6.064	43	677520	223.684	ug/l	97
24) 1,1-Dichloroethane	6.021	63	154887	47.040	ug/l	99
25) 2-Butanone	6.990	43	95704	200.408	ug/l	98
26) 2,2-Dichloropropane	6.984	77	118971	41.834	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	99589	45.011	ug/l	95
28) Bromochloromethane	7.338	49	72253	53.960	ug/l	88
29) Tetrahydrofuran	7.350	42	63138	220.345	ug/l	94
30) Chloroform	7.508	83	158002	46.249	ug/l	99
31) Cyclohexane	7.795	56	124201	43.474	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	134017	46.090	ug/l	97
36) 1,1-Dichloropropene	7.923	75	111864	42.470	ug/l	97
37) Ethyl Acetate	7.076	43	46614	41.009	ug/l	98
38) Carbon Tetrachloride	7.905	117	115370	42.192	ug/l	99
39) Methylcyclohexane	9.191	83	137011	41.643	ug/l	95
40) Benzene	8.167	78	352701	43.450	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	27393m	43.254	ug/l	
42) 1,2-Dichloroethane	8.240	62	82822	41.453	ug/l	97
43) Isopropyl Acetate	8.277	43	85723	41.556	ug/l	96
44) Trichloroethene	8.947	130	87251	41.313	ug/l	96
45) 1,2-Dichloropropane	9.222	63	81700	43.314	ug/l	98
46) Dibromomethane	9.313	93	43527	40.617	ug/l	98
47) Bromodichloromethane	9.502	83	115997	42.839	ug/l	99
48) Methyl methacrylate	9.301	41	38998	45.274	ug/l	96
49) 1,4-Dioxane	9.307	88	10011	832.151	ug/l #	95
51) 4-Methyl-2-Pentanone	10.075	43	239948	236.978	ug/l	98
52) Toluene	10.252	92	211412	42.937	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	98969	41.164	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	122677	41.808	ug/l	96
55) 1,1,2-Trichloroethane	10.654	97	59400	41.599	ug/l	95
56) Ethyl methacrylate	10.520	69	78819	45.716	ug/l	94
57) 1,3-Dichloropropane	10.801	76	102708	42.528	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	257226	283.089	ug/l	97
59) 2-Hexanone	10.837	43	160398	224.679	ug/l	97
60) Dibromochloromethane	10.990	129	77954	43.284	ug/l	98
61) 1,2-Dibromoethane	11.099	107	54753	42.051	ug/l	98
64) Tetrachloroethene	10.727	164	103367	43.507	ug/l	98
65) Chlorobenzene	11.526	112	229186	41.015	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	78174	41.202	ug/l	99
67) Ethyl Benzene	11.599	91	413060	43.001	ug/l	100
68) m/p-Xylenes	11.709	106	308479	84.678	ug/l	96
69) o-Xylene	12.038	106	145479	48.516	ug/l	97
70) Styrene	12.050	104	253200	48.931	ug/l	99
71) Bromoform	12.215	173	43306	41.177	ug/l #	99
73) Isopropylbenzene	12.337	105	379184	42.703	ug/l	99
74) N-amyl acetate	12.154	43	74655	45.356	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	62435	40.648	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	53024m	45.923	ug/l	
77) Bromobenzene	12.617	156	87304	41.282	ug/l	98
78) n-propylbenzene	12.678	91	461997	42.640	ug/l	99
79) 2-Chlorotoluene	12.764	91	254931	42.955	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	292676	42.234	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	21061	43.466	ug/l	95
82) 4-Chlorotoluene	12.861	91	255796	41.625	ug/l	98
83) tert-Butylbenzene	13.081	119	268586	42.630	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	298174	43.203	ug/l	99
85) sec-Butylbenzene	13.264	105	399674	42.266	ug/l	99
86) p-Isopropyltoluene	13.379	119	328837	41.603	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	174298	41.536	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	165930	41.312	ug/l	99
89) n-Butylbenzene	13.709	91	293706	40.388	ug/l	98
90) Hexachloroethane	13.971	117	66511	42.317	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	145280	41.766	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	8687	41.852	ug/l	88
93) 1,2,4-Trichlorobenzene	15.019	180	75301	39.523	ug/l	99
94) Hexachlorobutadiene	15.123	225	39394	34.109	ug/l	98
95) Naphthalene	15.245	128	131807	43.604	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	64895	40.324	ug/l	97

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

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