

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022425\
 Data File : VY021303.D
 Acq On : 24 Feb 2025 16:14
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Feb 25 01:23:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022425S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 25 01:17:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	140127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	217068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	192639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	98657	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	83920	56.327	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.660%	
35) Dibromofluoromethane	7.634	113	76696	55.284	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.560%	
50) Toluene-d8	10.103	98	290126	57.089	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.180%	
62) 4-Bromofluorobenzene	12.408	95	97297	55.437	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.880%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	50615	53.589	ug/l	100
3) Chloromethane	2.068	50	74556	47.914	ug/l	100
4) Vinyl Chloride	2.202	62	81297	65.570	ug/l	100
5) Bromomethane	2.592	94	52033	61.537	ug/l	100
6) Chloroethane	2.732	64	52617	62.220	ug/l	100
7) Trichlorofluoromethane	3.056	101	120711	58.474	ug/l	100
8) Diethyl Ether	3.452	74	36865	57.766	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	68095	54.826	ug/l	100
10) Methyl Iodide	4.007	142	80645	69.004	ug/l	100
11) Tert butyl alcohol	4.866	59	26716	213.448	ug/l	100
12) 1,1-Dichloroethene	3.787	96	66092	62.777	ug/l	100
13) Acrolein	3.653	56	17363	229.725	ug/l	100
14) Allyl chloride	4.378	41	118094	60.641	ug/l	100
15) Acrylonitrile	5.061	53	83297	273.330	ug/l	100
16) Acetone	3.866	43	73009	261.812	ug/l	100
17) Carbon Disulfide	4.104	76	203233	82.543	ug/l	100
18) Methyl Acetate	4.385	43	48104	57.302	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	185366	55.548	ug/l	100
20) Methylene Chloride	4.616	84	75429	55.400	ug/l	100
21) trans-1,2-Dichloroethene	5.110	96	74157	64.337	ug/l	100
22) Diisopropyl ether	6.018	45	260810	56.732	ug/l	100
23) Vinyl Acetate	5.957	43	741901	289.346	ug/l	100
24) 1,1-Dichloroethane	5.915	63	141258	56.280	ug/l	100
25) 2-Butanone	6.896	43	113652	265.711	ug/l	100
26) 2,2-Dichloropropane	6.884	77	127336	54.323	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	88261	58.644	ug/l	100
28) Bromochloromethane	7.244	49	61143	53.913	ug/l	100
29) Tetrahydrofuran	7.262	42	76049	285.271	ug/l	100
30) Chloroform	7.421	83	145784	55.133	ug/l	100
31) Cyclohexane	7.701	56	118701	61.321	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	132968	56.338	ug/l	100
36) 1,1-Dichloropropene	7.835	75	104308	62.173	ug/l	100
37) Ethyl Acetate	6.982	43	52301	55.483	ug/l	100
38) Carbon Tetrachloride	7.817	117	120668	58.157	ug/l	100
39) Methylcyclohexane	9.109	83	127797	65.822	ug/l	100
40) Benzene	8.079	78	316045	60.634	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022425\
 Data File : VY021303.D
 Acq On : 24 Feb 2025 16:14
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Feb 25 01:23:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022425S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 25 01:17:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	28233	56.267	ug/l	100
42) 1,2-Dichloroethane	8.158	62	91111	57.239	ug/l	100
43) Isopropyl Acetate	8.195	43	105076	55.351	ug/l	100
44) Trichloroethene	8.865	130	78428	60.174	ug/l	100
45) 1,2-Dichloropropane	9.140	63	76878	56.578	ug/l	100
46) Dibromomethane	9.231	93	42856	57.651	ug/l	100
47) Bromodichloromethane	9.420	83	114855	55.555	ug/l	100
48) Methyl methacrylate	9.219	41	49865	57.804	ug/l	100
49) 1,4-Dioxane	9.231	88	9343	1104.373	ug/l	100
51) 4-Methyl-2-Pentanone	9.993	43	275695	273.211	ug/l	100
52) Toluene	10.170	92	200500	60.306	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	106386	57.230	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	122010	57.813	ug/l	100
55) 1,1,2-Trichloroethane	10.572	97	55673	53.902	ug/l	100
56) Ethyl methacrylate	10.438	69	79409	58.859	ug/l	100
57) 1,3-Dichloropropane	10.713	76	97997	56.024	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	189359	280.105	ug/l	100
59) 2-Hexanone	10.761	43	187814	283.940	ug/l	100
60) Dibromochloromethane	10.908	129	76233	54.088	ug/l	100
61) 1,2-Dibromoethane	11.011	107	52793	57.367	ug/l	100
64) Tetrachloroethene	10.646	164	71283	59.428	ug/l	100
65) Chlorobenzene	11.438	112	217985	57.061	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.511	131	76884	53.751	ug/l	100
67) Ethyl Benzene	11.517	91	390950	58.382	ug/l	100
68) m/p-Xylenes	11.627	106	293978	118.387	ug/l	100
69) o-Xylene	11.956	106	137907	57.734	ug/l	100
70) Styrene	11.969	104	236076	58.270	ug/l	100
71) Bromoform	12.133	173	44118	52.900	ug/l #	100
73) Isopropylbenzene	12.255	105	370013	55.523	ug/l	100
74) N-amyl acetate	12.072	43	97828	55.559	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	64644	51.505	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	47136m	51.600	ug/l	
77) Bromobenzene	12.529	156	85857	54.313	ug/l	100
78) n-propylbenzene	12.596	91	454288	56.115	ug/l	100
79) 2-Chlorotoluene	12.682	91	254559	54.660	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	307333	56.061	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	22092	52.602	ug/l	100
82) 4-Chlorotoluene	12.779	91	264590	54.626	ug/l	100
83) tert-Butylbenzene	12.999	119	277438	54.392	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	310708	56.247	ug/l	100
85) sec-Butylbenzene	13.176	105	402145	54.689	ug/l	100
86) p-Isopropyltoluene	13.291	119	338708	55.044	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	172230	53.506	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	169166	53.282	ug/l	100
89) n-Butylbenzene	13.615	91	323424	55.124	ug/l	100
90) Hexachloroethane	13.883	117	69390	52.595	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	150994	53.183	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10132	49.259	ug/l	100
93) 1,2,4-Trichlorobenzene	14.919	180	94025	55.334	ug/l	100
94) Hexachlorobutadiene	15.023	225	58223	52.437	ug/l	100
95) Naphthalene	15.145	128	162250	57.588	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	81694	55.998	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022425\
Data File : VY021303.D
Acq On : 24 Feb 2025 16:14
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Quant Time: Feb 25 01:23:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022425S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 25 01:17:25 2025
Response via : Initial Calibration

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

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

