

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111324\
 Data File : VY020296.D
 Acq On : 13 Nov 2024 20:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 14 01:04:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	200723	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	468785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	409607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	183019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	178784	71.366	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	142.740%	
35) Dibromofluoromethane	7.640	113	131187	44.015	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	88.020%	
50) Toluene-d8	10.109	98	526113	44.346	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	88.700%	
62) 4-Bromofluorobenzene	12.408	95	214684	55.711	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	111.420%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	86356	46.476	ug/l	99
3) Chloromethane	2.068	50	157858	51.291	ug/l	98
4) Vinyl Chloride	2.208	62	172485	52.205	ug/l	99
5) Bromomethane	2.605	94	104327	47.560	ug/l	99
6) Chloroethane	2.739	64	114868	53.870	ug/l	97
7) Trichlorofluoromethane	3.068	101	254925	63.159	ug/l	99
8) Diethyl Ether	3.458	74	74927	66.558	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.824	101	115960	51.222	ug/l	92
10) Methyl Iodide	4.013	142	115576	52.878	ug/l	90
11) Tert butyl alcohol	4.872	59	37318	207.096	ug/l	# 81
12) 1,1-Dichloroethene	3.793	96	121128	55.921	ug/l	# 83
13) Acrolein	3.665	56	28290	126.116	ug/l	100
14) Allyl chloride	4.397	41	191394	48.975	ug/l	# 90
15) Acrylonitrile	5.067	53	135133	263.706	ug/l	97
16) Acetone	3.879	43	135078	231.859	ug/l	# 85
17) Carbon Disulfide	4.110	76	312293	43.324	ug/l	99
18) Methyl Acetate	4.391	43	72223	52.837	ug/l	# 88
19) Methyl tert-butyl Ether	5.122	73	290005	53.218	ug/l	98
20) Methylene Chloride	4.622	84	119013	45.475	ug/l	# 82
21) trans-1,2-Dichloroethene	5.128	96	123560	50.581	ug/l	87
22) Diisopropyl ether	6.031	45	445102	54.885	ug/l	# 94
23) Vinyl Acetate	5.970	43	1193293	261.461	ug/l	# 92
24) 1,1-Dichloroethane	5.927	63	247618	52.731	ug/l	97
25) 2-Butanone	6.903	43	193582	245.128	ug/l	# 85
26) 2,2-Dichloropropane	6.896	77	194446	49.767	ug/l	95
27) cis-1,2-Dichloroethene	6.896	96	149937	53.394	ug/l	86
28) Bromochloromethane	7.250	49	181241	82.426	ug/l	# 74
29) Tetrahydrofuran	7.268	42	149592	328.233	ug/l	# 82
30) Chloroform	7.427	83	290566	62.355	ug/l	99
31) Cyclohexane	7.707	56	205606	45.226	ug/l	87
32) 1,1,1-Trichloroethane	7.622	97	214522	52.729	ug/l	# 94
36) 1,1-Dichloropropene	7.841	75	178569	38.784	ug/l	94
37) Ethyl Acetate	6.988	43	84257	38.384	ug/l	# 93
38) Carbon Tetrachloride	7.823	117	182339	39.383	ug/l	98
39) Methylcyclohexane	9.109	83	274176	46.919	ug/l	89
40) Benzene	8.085	78	659988	49.110	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	53472	48.628	ug/l	90
42) 1,2-Dichloroethane	8.165	62	186001	50.002	ug/l	94
43) Isopropyl Acetate	8.201	43	206806	48.992	ug/l #	75
44) Trichloroethene	8.872	130	160938	51.670	ug/l	94
45) 1,2-Dichloropropane	9.146	63	164909	51.289	ug/l	95
46) Dibromomethane	9.231	93	87229	50.069	ug/l	91
47) Bromodichloromethane	9.426	83	238412	52.237	ug/l	99
48) Methyl methacrylate	9.225	41	102579	52.464	ug/l #	81
49) 1,4-Dioxane	9.237	88	17407	970.468	ug/l #	94
51) 4-Methyl-2-Pentanone	10.000	43	523977	240.905	ug/l	90
52) Toluene	10.170	92	349343	42.170	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	170361	42.270	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	237771	49.427	ug/l #	86
55) 1,1,2-Trichloroethane	10.573	97	93573	43.198	ug/l	93
56) Ethyl methacrylate	10.438	69	132521	42.649	ug/l #	77
57) 1,3-Dichloropropane	10.719	76	166050	41.859	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	350844	228.951	ug/l	94
59) 2-Hexanone	10.762	43	318615	204.327	ug/l	87
60) Dibromochloromethane	10.914	129	124747	45.178	ug/l	98
61) 1,2-Dibromoethane	11.018	107	87384	43.420	ug/l	98
64) Tetrachloroethene	10.652	164	127028	46.969	ug/l	96
65) Chlorobenzene	11.444	112	455663	52.209	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	153817	55.162	ug/l	98
67) Ethyl Benzene	11.524	91	849489	52.068	ug/l	99
68) m/p-Xylenes	11.627	106	621176	104.065	ug/l	91
69) o-Xylene	11.957	106	291825	51.638	ug/l	90
70) Styrene	11.969	104	497139	53.204	ug/l	95
71) Bromoform	12.133	173	78663	54.989	ug/l #	99
73) Isopropylbenzene	12.255	105	796206	54.458	ug/l	97
74) N-ethyl acetate	12.072	43	196299	53.711	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	126460	49.457	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	102535m	59.766	ug/l	
77) Bromobenzene	12.530	156	163083	55.154	ug/l	87
78) n-propylbenzene	12.597	91	965037	53.035	ug/l	97
79) 2-Chlorotoluene	12.682	91	539684	53.432	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	637380	54.302	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.304	75	42623	53.439	ug/l #	85
82) 4-Chlorotoluene	12.780	91	551891	53.590	ug/l	94
83) tert-Butylbenzene	12.999	119	563101	54.862	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	620539	53.375	ug/l	97
85) sec-Butylbenzene	13.176	105	841139	53.383	ug/l	97
86) p-Isopropyltoluene	13.292	119	673406	53.258	ug/l	95
87) 1,3-Dichlorobenzene	13.286	146	319413	53.175	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	312235	52.197	ug/l	97
89) n-Butylbenzene	13.621	91	656201	51.771	ug/l	98
90) Hexachloroethane	13.883	117	132939	53.162	ug/l	90
91) 1,2-Dichlorobenzene	13.657	146	277111	53.074	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	19556	50.431	ug/l	75
93) 1,2,4-Trichlorobenzene	14.925	180	135622	48.353	ug/l	96
94) Hexachlorobutadiene	15.023	225	70861	46.202	ug/l	98
95) Naphthalene	15.151	128	224365	42.793	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	96110	40.367	ug/l	97

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

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