

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY123124\
 Data File : VY020764.D
 Acq On : 31 Dec 2024 16:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 01 00:22:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	290	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.615	114	972	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	2065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	1565	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	442	186.077	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	372.160%#
35) Dibromofluoromethane	7.640	113	264	49.310	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.620%
50) Toluene-d8	10.109	98	1544	71.744	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	143.480%#
62) 4-Bromofluorobenzene	12.407	95	1132	159.097	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	318.200%#

Target Compounds			Qvalue			
5) Bromomethane	2.604	94	46	57.763	ug/l #	5
10) Methyl Iodide	4.013	142	46	18.891	ug/l #	84
14) Allyl chloride	4.543	41	49	21.126	ug/l #	12
16) Acetone	3.878	43	2471	8200.096	ug/l	90
18) Methyl Acetate	4.128	43	42	51.498	ug/l #	43
19) Methyl tert-butyl Ether	5.134	73	22	3.982	ug/l #	59
25) 2-Butanone	6.884	43	743m	1825.286	ug/l	
26) 2,2-Dichloropropane	6.896	77	1309	302.540	ug/l #	54
27) cis-1,2-Dichloroethene	7.042	96	46	17.985	ug/l #	1
30) Chloroform	7.433	83	218	47.940	ug/l #	65
36) 1,1-Dichloropropene	8.042	75	20	2.828	ug/l #	39
37) Ethyl Acetate	6.884	43	417	178.934	ug/l #	1
40) Benzene	8.079	78	21	1.025	ug/l #	51
51) 4-Methyl-2-Pentanone	10.005	43	1780	744.489	ug/l	96
53) t-1,3-Dichloropropene	10.499	75	38	5.316	ug/l #	43
55) 1,1,2-Trichloroethane	10.511	97	139	37.933	ug/l #	18
57) 1,3-Dichloropropane	10.883	76	88	14.796	ug/l #	43
59) 2-Hexanone	10.865	43	169	107.057	ug/l #	20
61) 1,2-Dibromoethane	10.877	107	26	7.541	ug/l #	2
65) Chlorobenzene	11.444	112	48	1.187	ug/l #	43
67) Ethyl Benzene	11.523	91	118	1.670	ug/l #	44
68) m/p-Xylenes	11.633	106	210	7.790	ug/l	74
69) o-Xylene	11.956	106	104	4.038	ug/l	68
70) Styrene	11.975	104	60	1.388	ug/l #	24
76) 1,2,3-Trichloropropane	12.413	75	724	72.737	ug/l #	100
79) 2-Chlorotoluene	12.596	91	90	1.299	ug/l #	39
81) trans-1,4-Dichloro-2-b...	12.413	75	724	143.773	ug/l #	8
82) 4-Chlorotoluene	12.785	91	108	1.508	ug/l #	39
83) tert-Butylbenzene	13.005	119	88	1.043	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.041	105	233	2.651	ug/l #	46
85) sec-Butylbenzene	13.188	105	197	1.733	ug/l #	55
86) p-Isopropyltoluene	13.297	119	206	2.033	ug/l #	49
87) 1,3-Dichlorobenzene	13.297	146	131	2.685	ug/l #	71
88) 1,4-Dichlorobenzene	13.377	146	202	4.163	ug/l #	58
89) n-Butylbenzene	13.627	91	173	2.045	ug/l #	33
91) 1,2-Dichlorobenzene	13.657	146	163	3.897	ug/l #	25

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropr...	14.035	75	24	8.903	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.931	180	114	4.288	ug/l #	74
94) Hexachlorobutadiene	15.023	225	96	4.955	ug/l #	19
95) Naphthalene	15.151	128	338	7.938	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.340	180	151	6.822	ug/l #	53

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

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