

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020089.D
 Acq On : 31 Oct 2024 13:05
 Operator : SY/MD
 Sample : P4495-23
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-VOA-SOIL

Quant Time: Nov 01 05:06:46 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	251162	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	444591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	375160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	173769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	156245	49.844	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.680%
35) Dibromofluoromethane	7.640	113	142878	50.546	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.100%
50) Toluene-d8	10.103	98	586070	52.088	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.180%
62) 4-Bromofluorobenzene	12.401	95	187361	51.267	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	102.540%
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	3.793	96	356326	131.468	ug/l	# 78
16) Acetone	3.866	43	216031	296.346	ug/l	87
19) Methyl tert-butyl Ether	5.116	73	946114	138.752	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	89531	29.290	ug/l	86
25) 2-Butanone	6.896	43	170888	172.935	ug/l	# 84
30) Chloroform	7.421	83	1124488	192.854	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	620478	121.885	ug/l	# 94
40) Benzene	8.079	78	1633952	128.200	ug/l	99
42) 1,2-Dichloroethane	8.158	62	532217	150.859	ug/l	94
44) Trichloroethene	8.865	130	215715	73.025	ug/l	85
45) 1,2-Dichloropropane	9.140	63	117857	38.650	ug/l	96
46) Dibromomethane	9.231	93	52690	31.889	ug/l	# 87
47) Bromodichloromethane	9.420	83	213940	49.426	ug/l	99
51) 4-Methyl-2-Pentanone	9.993	43	958691	464.755	ug/l	88
52) Toluene	10.170	92	572690	72.893	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	176472	46.169	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	648899	142.233	ug/l	# 84
55) 1,1,2-Trichloroethane	10.573	97	121922	59.348	ug/l	91
59) 2-Hexanone	10.755	43	627378	424.230	ug/l	86
61) 1,2-Dibromoethane	11.011	107	150491	78.847	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	491353	192.389	ug/l	99
67) Ethyl Benzene	11.517	91	2294482	153.550	ug/l	99
68) m/p-Xylenes	11.627	106	615729	112.624	ug/l	91
69) o-Xylene	11.950	106	621034	119.982	ug/l	91
70) Styrene	11.969	104	1706368	199.384	ug/l	96
71) Bromoform	12.127	173	132995	101.506	ug/l	# 98
75) 1,1,2,2-Tetrachloroethane	12.505	83	198494	81.761	ug/l	99
83) tert-Butylbenzene	12.993	119	670762	68.831	ug/l	92
84) 1,2,4-Trimethylbenzene	13.042	105	1694331	153.494	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	806143	141.937	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	41093	111.612	ug/l	78
95) Naphthalene	15.145	128	330910	66.474	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	260484	115.229	ug/l	98

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