

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110823\
 Data File : VY016264.D
 Acq On : 08 Nov 2023 15:35
 Operator : SY/MD
 Sample : 05047-23
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-VOA-SOIL

Quant Time: Nov 09 12:00:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	180463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	291661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	252065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	118573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83858	50.843	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.680%			
35) Dibromofluoromethane	7.722	113	87228	52.648	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.300%			
50) Toluene-d8	10.191	98	354646	52.785	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.560%			
62) 4-Bromofluorobenzene	12.489	95	115050	52.723	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.440%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.881	96	79532	43.612	ug/l	91
16) Acetone	3.954	43	94597	346.732	ug/l	91
19) Methyl tert-butyl Ether	5.229	73	805580	182.514	ug/l	99
20) Methylene Chloride	4.723	84	311017	169.705	ug/l	90
21) trans-1,2-Dichloroethene	5.235	96	261125	124.363	ug/l	91
24) 1,1-Dichloroethane	6.027	63	498204	144.799	ug/l	96
25) 2-Butanone	6.997	43	171479	358.843	ug/l #	89
27) cis-1,2-Dichloroethene	6.997	96	208209	92.013	ug/l	82
30) Chloroform	7.515	83	207615	57.971	ug/l	99
31) Cyclohexane	7.795	56	3788	1.167	ug/l #	1
32) 1,1,1-Trichloroethane	7.716	97	126140	38.423	ug/l	97
44) Trichloroethene	8.947	130	163271	70.285	ug/l	100
45) 1,2-Dichloropropane	9.228	63	81746	42.112	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	200524	176.484	ug/l	91
52) Toluene	10.252	92	627586	122.831	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	94272	35.959	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	383012	122.318	ug/l #	90
59) 2-Hexanone	10.837	43	92016	108.876	ug/l	88
61) 1,2-Dibromoethane	11.099	107	60217	43.595	ug/l	99
64) Tetrachloroethene	10.728	164	44989	19.878	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.599	131	365891	184.205	ug/l	99
67) Ethyl Benzene	11.599	91	1655269	171.025	ug/l	98
68) m/p-Xylenes	11.715	106	468099	127.514	ug/l	95
69) o-Xylene	12.038	106	466163	136.771	ug/l	96
70) Styrene	12.057	104	1080258	221.346	ug/l	94
71) Bromoform	12.221	173	169773	164.720	ug/l #	98
73) Isopropylbenzene	12.337	105	1398317	145.630	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.593	83	92158	59.814	ug/l	99
84) 1,2,4-Trimethylbenzene	13.130	105	799685	104.909	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	604994	148.273	ug/l	100
89) n-Butylbenzene	13.703	91	699552	90.305	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	384754	107.545	ug/l	99
93) 1,2,4-Trichlorobenzene	15.019	180	130695	62.585	ug/l	98
95) Naphthalene	15.251	128	3847	1.030	ug/l	97
96) 1,2,3-Trichlorobenzene	15.434	180	296604	171.722	ug/l	98

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

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