

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042925\
 Data File : VY022051.D
 Acq On : 29 Apr 2025 12:22
 Operator : SY/MD
 Sample : Q1872-23DL 4X
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HW0425-PT-VOA-SOILDL

Quant Time: Apr 30 01:33:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	274790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	444877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	398616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	202989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	128893	50.782	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.560%	
35) Dibromofluoromethane	7.634	113	146131	49.720	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.440%	
50) Toluene-d8	10.109	98	567972	51.259	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.520%	
62) 4-Bromofluorobenzene	12.407	95	176167	47.228	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.460%	
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	3.787	96	99300	36.351	ug/l	95
16) Acetone	3.878	43	34838	91.302	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	249204	40.759	ug/l	97
22) Diisopropyl ether	6.024	45	183849	25.973	ug/l	98
25) 2-Butanone	6.896	43	46765	80.829	ug/l	91
26) 2,2-Dichloropropane	6.884	77	166890	38.808	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	37071	10.837	ug/l	77
30) Chloroform	7.420	83	108280	19.896	ug/l	96
38) Carbon Tetrachloride	7.817	117	127978	27.128	ug/l	97
40) Benzene	8.079	78	283874	23.002	ug/l	99
42) 1,2-Dichloroethane	8.152	62	37736	12.350	ug/l	99
45) 1,2-Dichloropropane	9.140	63	39066	14.314	ug/l	100
47) Bromodichloromethane	9.420	83	187884	44.022	ug/l	99
51) 4-Methyl-2-Pentanone	9.999	43	107247	75.133	ug/l	98
52) Toluene	10.170	92	368349	46.109	ug/l	100
53) t-1,3-Dichloropropene	10.395	75	101756	27.796	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	103440	23.770	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	41313	18.103	ug/l	98
59) 2-Hexanone	10.761	43	68399	72.648	ug/l	95
60) Dibromochloromethane	10.908	129	57740	18.275	ug/l	100
64) Tetrachloroethene	10.645	164	96153	25.570	ug/l	99
65) Chlorobenzene	11.444	112	208808	23.425	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	124374	39.632	ug/l	99
68) m/p-Xylenes	11.627	106	161265	27.792	ug/l	99
69) o-Xylene	11.956	106	162292	30.346	ug/l	98
70) Styrene	11.968	104	279394	31.114	ug/l	99
71) Bromoform	12.133	173	43782	23.996	ug/l #	99
76) 1,2,3-Trichloropropane	12.560	75	48730	28.027	ug/l #	100
84) 1,2,4-Trimethylbenzene	13.041	105	422779	37.827	ug/l	99
88) 1,4-Dichlorobenzene	13.364	146	44739	6.490	ug/l	97
89) n-Butylbenzene	13.620	91	134799	12.111	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	78278	12.895	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	41502	12.064	ug/l	99

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