

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042825\
 Data File : VY022027.D
 Acq On : 28 Apr 2025 13:31
 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 29 03:53:32 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	281088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	449487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	409769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	203192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	137701	53.036	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.080%			
35) Dibromofluoromethane	7.634	113	152677	51.414	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.820%			
50) Toluene-d8	10.103	98	588177	52.538	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.080%			
62) 4-Bromofluorobenzene	12.408	95	182351	48.385	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.760%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.787	96	95988	34.351	ug/l	98
16) Acetone	3.879	43	35453	90.712	ug/l	92
19) Methyl tert-butyl Ether	5.116	73	247447	39.565	ug/l	98
20) Methylene Chloride	4.610	84	7244	2.206	ug/l #	92
22) Diisopropyl ether	6.019	45	172707	23.852	ug/l	98
25) 2-Butanone	6.896	43	47282	79.891	ug/l	99
26) 2,2-Dichloropropane	6.878	77	157016	35.694	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	34744	9.929	ug/l	75
30) Chloroform	7.421	83	102217	18.361	ug/l	99
38) Carbon Tetrachloride	7.817	117	123099	25.826	ug/l	99
40) Benzene	8.079	78	269814	21.639	ug/l	99
42) 1,2-Dichloroethane	8.158	62	37062	12.005	ug/l	100
45) 1,2-Dichloropropane	9.140	63	36591	13.270	ug/l	93
47) Bromodichloromethane	9.420	83	180589	41.878	ug/l	97
51) 4-Methyl-2-Pentanone	10.000	43	110372	76.529	ug/l	98
52) Toluene	10.170	92	352523	43.676	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	96545	26.102	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	99082	22.535	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	39891	17.301	ug/l	98
59) 2-Hexanone	10.762	43	68031	71.516	ug/l	96
60) Dibromochloromethane	10.908	129	56415	17.672	ug/l	99
64) Tetrachloroethene	10.646	164	91567	23.688	ug/l	99
65) Chlorobenzene	11.438	112	199027	21.720	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	117423	36.398	ug/l	99
68) m/p-Xylenes	11.627	106	151628	25.420	ug/l	100
69) o-Xylene	11.957	106	152488	27.737	ug/l	98
70) Styrene	11.969	104	264873	28.694	ug/l	100
71) Bromoform	12.133	173	43262	23.066	ug/l #	98
76) 1,2,3-Trichloropropane	12.560	75	46899	26.947	ug/l #	100
84) 1,2,4-Trimethylbenzene	13.042	105	394599	35.270	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	41186	5.969	ug/l	94
89) n-Butylbenzene	13.621	91	124358	11.162	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	74160	12.204	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	37762	10.966	ug/l	97

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

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