

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110625\
 Data File : VY023698.D
 Acq On : 06 Nov 2025 11:40
 Operator : SY/MD
 Sample : Q3483-23DL 4X
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HW1025-PT-VOA-SOILDL

Quant Time: Nov 07 04:15:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	525542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	837737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	724701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	374577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	232911	51.955	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.920%
35) Dibromofluoromethane	7.634	113	255382	48.781	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.560%
50) Toluene-d8	10.109	98	955572	48.999	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.000%
62) 4-Bromofluorobenzene	12.408	95	298565	47.341	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.680%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.793	96	113739	24.223	ug/l	98
16) Acetone	3.867	43	91635	82.234	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	212586	19.525	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	82185	15.523	ug/l	94
25) 2-Butanone	6.896	43	40694	31.586	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	84881	14.038	ug/l	92
30) Chloroform	7.421	83	151000	15.952	ug/l	95
38) Carbon Tetrachloride	7.823	117	129695	15.735	ug/l	99
40) Benzene	8.079	78	508490	23.060	ug/l	99
42) 1,2-Dichloroethane	8.158	62	258458	46.329	ug/l	99
44) Trichloroethene	8.866	130	183331	28.946	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	240783	37.430	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	319715	41.483	ug/l	98
59) 2-Hexanone	10.762	43	154583	78.299	ug/l	96
61) 1,2-Dibromoethane	11.018	107	25570	6.761	ug/l	100
64) Tetrachloroethene	10.646	164	128427	17.026	ug/l	99
65) Chlorobenzene	11.444	112	88066	5.582	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	89459	16.036	ug/l	99
67) Ethyl Benzene	11.518	91	131645	5.156	ug/l	97
68) m/p-Xylenes	11.627	106	450361	44.145	ug/l	100
69) o-Xylene	11.957	106	424279	44.990	ug/l	96
70) Styrene	11.969	104	414825	26.660	ug/l	93
71) Bromoform	12.133	173	85871	26.355	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	156122	39.019	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	107090	35.326	ug/l #	100
79) 2-Chlorotoluene	12.682	91	339099	19.830	ug/l	100
83) tert-Butylbenzene	12.999	119	552302	29.792	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	936427	46.448	ug/l	100
86) p-Isopropyltoluene	13.292	119	989472	43.712	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	158311	12.377	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	245531	19.542	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	208316	33.041	ug/l	99
95) Naphthalene	15.145	128	128093	15.660	ug/l	99

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