Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110625\
Data File : VY023696.D
Acq On : 06 Nov 2025 10:44
Operator : SY/MD
Sample : Q3483-23
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Nov 07 04:14:29 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	531680	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.615	114	813455	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.420	117	703875	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	354034	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.061	65	228076	50.289	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.580%				
35) Dibromofluoromethane	7.640	113	248488	48.881	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.760%				
50) Toluene-d8	10.109	98	949946	50.165	ug/l		0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.320%				
62) 4-Bromofluorobenzene	12.407	95	297087	48.513	ug/l		0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.020%				
Target Compounds							Qvalue
12) 1,1-Dichloroethene	3.793	96	481777	101.419	ug/l		95
16) Acetone	3.866	43	356834	316.528	ug/l		98
19) Methyl tert-butyl Ether	5.122	73	910067	82.619	ug/l		99
21) trans-1,2-Dichloroethene	5.116	96	339439	63.374	ug/l		96
25) 2-Butanone	6.890	43	171952	131.925	ug/l		95
27) cis-1,2-Dichloroethene	6.896	96	354504	57.952	ug/l		92
30) Chloroform	7.420	83	589811	61.590	ug/l		100
38) Carbon Tetrachloride	7.823	117	525907	65.709	ug/l		99
40) Benzene	8.079	78	2041641	95.351	ug/l		100
42) 1,2-Dichloroethane	8.158	62	1014816	187.335	ug/l		98
44) Trichloroethene	8.865	130	732269	119.069	ug/l		98
53) t-1,3-Dichloropropene	10.395	75	1013918	162.321	ug/l		100
54) cis-1,3-Dichloropropene	9.859	75	1382853	184.780	ug/l		98
59) 2-Hexanone	10.761	43	675252	352.236	ug/l		100
61) 1,2-Dibromoethane	11.017	107	99431	27.076	ug/l		98
64) Tetrachloroethene	10.645	164	521687	71.208	ug/l		97
65) Chlorobenzene	11.444	112	350689	22.886	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.517	131	354860	65.491	ug/l		99
67) Ethyl Benzene	11.517	91	567291	22.874	ug/l		97
68) m/p-Xylenes	11.627	106	1922231	193.996	ug/l		99
69) o-Xylene	11.956	106	1812923	197.930	ug/l		98
70) Styrene	11.968	104	1730175	114.486	ug/l		92
71) Bromoform	12.133	173	343729	108.617	ug/l	#	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	610157	161.343	ug/l		99
76) 1,2,3-Trichloropropane	12.560	75	410876	143.400	ug/l	#	100
79) 2-Chlorotoluene	12.682	91	1468830	90.881	ug/l		100
83) tert-Butylbenzene	12.999	119	2478715	141.463	ug/l		98
84) 1,2,4-Trimethylbenzene	13.041	105	3851184	202.108	ug/l		100
86) p-Isopropyltoluene	13.291	119	4278014	199.958	ug/l		99
87) 1,3-Dichlorobenzene	13.285	146	650411	53.803	ug/l		100
88) 1,4-Dichlorobenzene	13.364	146	967739	81.494	ug/l		99
93) 1,2,4-Trichlorobenzene	14.919	180	950793	159.556	ug/l		99
95) Naphthalene	15.145	128	646088	60.753	ug/l		99

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