

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012825\
 Data File : VW031614.D
 Acq On : 28 Jan 2025 13:27
 Operator : SY/MD
 Sample : Q1190-11RE
 Misc : 5.89g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A44T0RE

Quant Time: Jan 29 07:33:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 28 00:17:29 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/29/2025
 Supervised By :Mahesh Dadoda 01/29/2025

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	523198	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	212750	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	30428	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	283118	34.485	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 137.960%	
7) Chloroethane-d5	2.899	69	213958	36.492	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 145.960%	
11) 1,1-Dichloroethene-d2	4.015	65	112943	30.919	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 123.680%#	
21) 2-Butanone-d5	7.087	46	161606	122.451	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 244.900%#	
24) Chloroform-d	7.642	84	466397	34.445	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 137.760%	
26) 1,2-Dichloroethane-d4	8.301	65	242237m	36.347	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 145.400%#	
32) Benzene-d6	8.270	84	801799	59.998	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 240.000%#	
36) 1,2-Dichloropropane-d6	9.270	67	273647	69.353	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 277.400%#	
41) Toluene-d8	10.319	98	452927	37.544	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 150.160%#	
43) trans-1,3-Dichloroprop...	10.575	79	54474	33.620	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 134.480%	
47) 2-Hexanone-d5	10.922	63	63716	158.238	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 316.480%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	114314	47.375	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 189.520%#	
66) 1,2-Dichlorobenzene-d4	13.848	152	29488	27.630	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 110.520%	
Target Compounds						Qvalue
3) Chloromethane	2.216	50	5800	0.822	ug/L	100
6) Bromomethane	2.789	94	3553	0.676	ug/L	100
13) Acetone	4.149	43	78187	76.977	ug/L #	53
33) Benzene	8.319	78	336624	23.119	ug/L	100
42) Toluene	10.386	91	60115	3.950	ug/L	97
46) Tetrachloroethene	10.861	164	2978	1.060	ug/L	93
52) Ethylbenzene	11.727	91	6842	0.392	ug/L	97
53) m,p-Xylene	11.831	106	3685	0.553	ug/L	87
54) o-Xylene	12.160	106	1885	0.305	ug/L	86
67) 1,2-Dichlorobenzene	13.861	146	807	0.448	ug/L	89
70) 1,2,4-trichlorobenzene	15.117	180	346	0.304	ug/L #	80

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

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