

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012925\
 Data File : VW031632.D
 Acq On : 29 Jan 2025 11:29
 Operator : SY/MD
 Sample : Q1189-22
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A44X0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/30/2025
 Supervised By :Mahesh Dadoda 01/30/2025

Quant Time: Jan 30 07:29:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jan 30 07:28:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	583609	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	513334	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	224089	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.357	65	143071	15.623	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.480%
7) Chloroethane-d5	2.893	69	115125	17.603	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.400%
11) 1,1-Dichloroethene-d2	4.015	65	76236	18.710	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.840%
21) 2-Butanone-d5	7.088	46	86158	58.526	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.060%
24) Chloroform-d	7.642	84	380543	25.195	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	8.301	65	182667	24.572	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.280%
32) Benzene-d6	8.270	84	688315	21.347	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	9.270	67	214462	22.527	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.120%
41) Toluene-d8	10.319	98	627871	21.570	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.280%
43) trans-1,3-Dichloroprop...	10.575	79	88341	22.596	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.400%
47) 2-Hexanone-d5	10.922	63	58696	60.414	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	160626	27.589	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.360%
66) 1,2-Dichlorobenzene-d4	13.848	152	182195	23.181	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.720%

Target Compounds

						Qvalue
12) 1,1-Dichloroethene	4.039	96	448452	57.746	ug/L	# 77
13) Acetone	4.149	43	93359m	82.400	ug/L	
16) Methylene chloride	4.917	84	375626	47.259	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	378088	45.329	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	356557	26.659	ug/L	# 90
19) 1,1-Dichloroethane	6.210	63	676264	43.094	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	815692	91.593	ug/L	95
22) 2-Butanone	7.173	43	523977	270.786	ug/L	99
25) Chloroform	7.673	83	1099785	73.681	ug/L	97
27) 1,2-Dichloroethane	8.398	62	260781	28.366	ug/L	99
31) Carbon tetrachloride	8.069	117	485868	41.123	ug/L	100
33) Benzene	8.319	78	1337752	38.077	ug/L	100
34) Trichloroethene	9.087	95	351743	37.239	ug/L	98
37) 1,2-Dichloropropane	9.361	63	126953	14.377	ug/L	100
38) Bromodichloromethane	9.642	83	819272	76.702	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	1092528	78.651	ug/L	98
40) 4-Methyl-2-pentanone	10.203	43	488456	110.822	ug/L	99
42) Toluene	10.380	91	1197463	32.606	ug/L	97
44) trans-1,3-Dichloropropene	10.599	75	530336	47.764	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	163577	28.900	ug/L	99
46) Tetrachloroethene	10.861	164	336813	49.691	ug/L	96
48) 2-Hexanone	10.965	43	403866	149.944	ug/L	98
49) Dibromochloromethane	11.123	129	566925	91.034	ug/L	98
50) 1,2-Dibromoethane	11.233	107	405229	77.249	ug/L	100
51) Chlorobenzene	11.654	112	376214	16.590	ug/L	99
52) Ethylbenzene	11.727	91	1692338	40.161	ug/L	99
53) m,p-Xylene	11.831	106	1240440	77.205	ug/L	97
54) o-Xylene	12.160	106	533264	35.713	ug/L	94
55) Styrene	12.178	104	1415837	56.985	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	213758	34.370	ug/L	99
59) Bromoform	12.343	173	84326	28.241	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	285847	67.927	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	1358299	87.483	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	820274	53.417	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	385768	29.095	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	43465	46.199	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	196636	23.463	ug/L	98

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

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