Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061025\
Data File : VW031715.D
Acq On : 10 Jun 2025 10:31
Operator : SY/MD
Sample : VSTD10074
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD100474

Quant Time: Jun 26 07:41:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061025SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 25 07:47:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.849	114	367972	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	333087	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	160990	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.393	65	476826	103.465	ug/L	0.00
7) Chloroethane-d5	2.924	69	385222	101.261	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.051	65	230549	95.264	ug/L	0.00
21) 2-Butanone-d5	7.100	46	362816	200.994	ug/L	0.00
24) Chloroform-d	7.667	84	1035714	97.101	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.319	65	595875	95.203	ug/L	0.00
32) Benzene-d6	8.282	84	1986749	98.634	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.282	67	580980	97.264	ug/L	0.00
41) Toluene-d8	10.325	98	1856878	99.904	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	298314	103.070	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	304039	216.434	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	581392	97.541	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	617635	100.061	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.040	85	457358	105.415	ug/L	98
3) Chloromethane	2.253	50	452043	104.075	ug/L	98
5) Vinyl chloride	2.399	62	542082	104.609	ug/L	99
6) Bromomethane	2.820	94	378202	102.660	ug/L	97
8) Chloroethane	2.966	64	344467	103.775	ug/L	95
9) Trichlorofluoromethane	3.302	101	537812	117.010	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.094	101	514027	104.390	ug/L	98
12) 1,1-Dichloroethene	4.076	96	512124	104.117	ug/L	89
13) Acetone	4.155	43	236831	152.082	ug/L	100
14) Carbon disulfide	4.417	76	1469050	108.006	ug/L	100
15) Methyl Acetate	4.704	43	316663	102.511	ug/L	99
16) Methylene chloride	4.948	84	497451	80.479	ug/L	98
17) trans-1,2-Dichloroethene	5.454	96	531403	104.036	ug/L	95
18) Methyl tert-butyl Ether	5.460	73	871333	104.474	ug/L	98
19) 1,1-Dichloroethane	6.240	63	975219	102.808	ug/L	99
20) cis-1,2-Dichloroethene	7.191	96	603939	106.257	ug/L	99
22) 2-Butanone	7.191	43	418942	219.903	ug/L	98
23) Bromochloromethane	7.533	128	261378	101.790	ug/L	97
25) Chloroform	7.691	83	1041733	102.506	ug/L	97
27) 1,2-Dichloroethane	8.410	62	748591	101.051	ug/L	100
29) Cyclohexane	7.965	56	965738	109.743	ug/L	99
30) 1,1,1-Trichloroethane	7.886	97	812707	104.450	ug/L	99
31) Carbon tetrachloride	8.081	117	760221	106.288	ug/L	98
33) Benzene	8.337	78	2162089	103.404	ug/L	100
34) Trichloroethene	9.099	95	611874	103.916	ug/L	91
35) Methylcyclohexane	9.337	83	1042900	109.113	ug/L	100
37) 1,2-Dichloropropane	9.374	63	542013	101.183	ug/L	100
38) Bromodichloromethane	9.648	83	761369	105.962	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	979619	112.284	ug/L	97

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061025SMA.M
Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
40) 4-Methyl-2-pentanone	10.215	43	957793	221.000	ug/L		98
42) Toluene	10.392	91	2366035	105.043	ug/L		99
44) trans-1,3-Dichloropropene	10.605	75	866971	113.517	ug/L		99
45) 1,1,2-Trichloroethane	10.788	97	470552	104.053	ug/L		96
46) Tetrachloroethene	10.867	164	429065	102.911	ug/L		97
48) 2-Hexanone	10.971	43	656937	219.398	ug/L		99
49) Dibromochloromethane	11.129	129	515675	110.070	ug/L		90
50) 1,2-Dibromoethane	11.233	107	478027	106.909	ug/L	#	100
51) Chlorobenzene	11.654	112	1500418	104.200	ug/L		98
52) Ethylbenzene	11.727	91	2740029	106.653	ug/L		100
53) m,p-Xylene	11.837	106	1013584	106.450	ug/L		100
54) o-Xylene	12.166	106	1012867	111.219	ug/L		97
55) Styrene	12.178	104	1672134	107.758	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.708	83	605068	104.657	ug/L		99
59) Bromoform	12.349	173	307409	108.774	ug/L		96
60) Isopropylbenzene	12.459	105	2757842	110.010	ug/L		98
61) 1,2,3-Trichloropropane	12.763	75	455860	101.464	ug/L		99
62) 1,3,5-Trimethylbenzene	12.940	105	2256106	112.613	ug/L		96
63) 1,2,4-Trimethylbenzene	13.245	105	2265271	113.933	ug/L		100
64) 1,3-Dichlorobenzene	13.495	146	1142851	106.931	ug/L		97
65) 1,4-Dichlorobenzene	13.574	146	1146496	104.691	ug/L		99
67) 1,2-Dichlorobenzene	13.867	146	1058225	106.172	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.476	75	125849	110.185	ug/L		92
69) 1,3,5-Trichlorobenzene	14.623	180	791317	112.661	ug/L		96
70) 1,2,4-trichlorobenzene	15.129	180	704856	114.528	ug/L		93
71) Naphthalene	15.360	128	1811882	116.628	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	667066	115.359	ug/L		95

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

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