Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
Data File : VW031655.D
Acq On : 30 Jan 2025 13:42
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

Quant Time: Jan 31 07:31:12 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	579228	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	494496	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	238038	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	176951	19.469	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.880%			
7) Chloroethane-d5	2.893	69	138879	21.396	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.600%			
11) 1,1-Dichloroethene-d2	4.015	65	87202	21.563	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 86.240%			
21) 2-Butanone-d5	7.081	46	83016	56.818	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.640%			
24) Chloroform-d	7.642	84	368459	24.580	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.320%			
26) 1,2-Dichloroethane-d4	8.301	65	186622	25.294	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.160%			
32) Benzene-d6	8.270	84	743040	23.922	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.680%			
36) 1,2-Dichloropropane-d6	9.270	67	223761	24.399	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.600%			
41) Toluene-d8	10.319	98	665780	23.744	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.960%			
43) trans-1,3-Dichloroprop...	10.575	79	85396	22.675	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.720%			
47) 2-Hexanone-d5	10.922	63	54792	58.544	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 117.080%			
56) 1,1,2,2-Tetrachloroeth...	12.684	84	158941	28.340	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 113.360%			
66) 1,2-Dichlorobenzene-d4	13.848	152	209437	25.086	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	151242	20.075	ug/L	96
3) Chloromethane	2.216	50	160937	20.611	ug/L	98
5) Vinyl chloride	2.369	62	213204	21.406	ug/L	100
6) Bromomethane	2.789	94	123197	21.163	ug/L	94
8) Chloroethane	2.936	64	120587	20.597	ug/L	98
9) Trichlorofluoromethane	3.259	101	182098	18.403	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	179689	23.717	ug/L	92
12) 1,1-Dichloroethene	4.039	96	175415	22.759	ug/L	95
13) Acetone	4.155	43	69785	62.059	ug/L	66
14) Carbon disulfide	4.387	76	558657	21.518	ug/L	99
15) Methyl Acetate	4.673	43	68318	23.191	ug/L #	74
16) Methylene chloride	4.917	84	176301	22.349	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	187954	22.704	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	289433	21.804	ug/L	99
19) 1,1-Dichloroethane	6.210	63	353888	22.722	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	204778	23.168	ug/L	97
22) 2-Butanone	7.173	43	96686	50.344	ug/L	100
23) Bromochloromethane	7.508	128	80577	23.278	ug/L	97
25) Chloroform	7.673	83	341566	23.057	ug/L	98

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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)
27) 1,2-Dichloroethane	8.398	62	216371	23.714	ug/L	99
29) Cyclohexane	7.953	56	357252	22.541	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	287782	22.419	ug/L	98
31) Carbon tetrachloride	8.069	117	256423	22.530	ug/L	99
33) Benzene	8.319	78	784216	23.172	ug/L	100
34) Trichloroethene	9.087	95	208772	22.945	ug/L	98
35) Methylcyclohexane	9.331	83	378039	23.174	ug/L	99
37) 1,2-Dichloropropane	9.361	63	194619	22.880	ug/L	100
38) Bromodichloromethane	9.642	83	234013	22.743	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	305330	22.818	ug/L	100
40) 4-Methyl-2-pentanone	10.203	43	192934	45.441	ug/L	99
42) Toluene	10.380	91	817467	23.107	ug/L	98
44) trans-1,3-Dichloropropene	10.599	75	239786	22.419	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	128902	23.642	ug/L	91
46) Tetrachloroethene	10.855	164	148042	22.673	ug/L	92
48) 2-Hexanone	10.965	43	128373	49.477	ug/L	97
49) Dibromochloromethane	11.123	129	139817	23.307	ug/L	95
50) 1,2-Dibromoethane	11.233	107	122526	24.247	ug/L	95
51) Chlorobenzene	11.654	112	506692	23.194	ug/L	98
52) Ethylbenzene	11.727	91	943121	23.234	ug/L	97
53) m,p-Xylene	11.837	106	360935	23.320	ug/L	95
54) o-Xylene	12.160	106	335505	23.325	ug/L	96
55) Styrene	12.178	104	567833	23.725	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	145663	24.313	ug/L	99
59) Bromoform	12.349	173	66583	20.992	ug/L	99
60) Isopropylbenzene	12.458	105	950172	22.850	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	107207	23.983	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	772896	22.573	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	748386	22.457	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	366571	22.226	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	374640	22.967	ug/L	96
67) 1,2-Dichlorobenzene	13.861	146	321873	22.853	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	22464	22.478	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	241754	21.630	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	194141	21.808	ug/L	97
71) Naphthalene	15.354	128	406912	24.376	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	175583	23.418	ug/L	98

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

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