Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050825\
Data File : VW031695.D
Acq On : 08 May 2025 11:33
Operator : SY/MD
Sample : VSTD02566
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025466

Quant Time: May 08 14:33:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 08 14:31:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	450107	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	305002	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	128857	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	307761	28.81	ug/L	0.00
7) Chloroethane-d5	2.893	69	176122	27.41	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.009	65	128246	28.82	ug/L	0.00
21) 2-Butanone-d5	7.094	46	107504	48.35	ug/L	0.00
24) Chloroform-d	7.648	84	264365	25.01	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.301	65	94784	24.20	ug/L	0.00
32) Benzene-d6	8.270	84	608130	26.25	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	134580	25.26	ug/L	0.00
41) Toluene-d8	10.319	98	545680	26.00	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	43684	24.80	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	55472	49.30	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	86375	23.90	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	101664	23.28	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	252278	28.06	ug/L #	87
3) Chloromethane	2.216	50	161954	22.79	ug/L	100
5) Vinyl chloride	2.375	62	302979	28.36	ug/L	100
6) Bromomethane	2.783	94	108890	25.16	ug/L	100
8) Chloroethane	2.930	64	137726	26.87	ug/L	100
9) Trichlorofluoromethane	3.259	101	219135	26.23	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	316692	28.80	ug/L	100
12) 1,1-Dichloroethene	4.045	96	241210	28.14	ug/L	100
13) Acetone	4.155	43	73776	47.13	ug/L	100
14) Carbon disulfide	4.387	76	725092	26.82	ug/L	100
15) Methyl Acetate	4.686	43	69115	23.97	ug/L	100
16) Methylene chloride	4.923	84	112130	24.04	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	198307	26.40	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	130331	24.40	ug/L	100
19) 1,1-Dichloroethane	6.216	63	299003	25.64	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	146458	25.40	ug/L	100
22) 2-Butanone	7.185	43	117772	50.68	ug/L	100
23) Bromochloromethane	7.508	128	44184	23.64	ug/L	100
25) Chloroform	7.673	83	250450	24.99	ug/L	100
27) 1,2-Dichloroethane	8.398	62	114708	24.70	ug/L	100
29) Cyclohexane	7.953	56	553948	28.06	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	349264	27.26	ug/L	100
31) Carbon tetrachloride	8.063	117	354619	27.67	ug/L	100
33) Benzene	8.319	78	668365	26.81	ug/L	100
34) Trichloroethene	9.087	95	221057	26.99	ug/L	100
35) Methylcyclohexane	9.331	83	617464	28.58	ug/L	100
37) 1,2-Dichloropropane	9.368	63	127448	26.33	ug/L	100
38) Bromodichloromethane	9.642	83	132957	24.98	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	152455	25.45	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	149307	50.34	ug/L	100
42) Toluene	10.386	91	716587	27.05	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	111298	24.78	ug/L	100

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Quant Title : SFAM01.0
QLast Update : Thu May 08 14:31:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	70819	25.65	ug/L	100
46) Tetrachloroethene	10.855	164	189691	27.68	ug/L	100
48) 2-Hexanone	10.965	43	126480	53.74	ug/L	100
49) Dibromochloromethane	11.123	129	68001	24.39	ug/L	100
50) 1,2-Dibromoethane	11.233	107	66683	25.70	ug/L	100
51) Chlorobenzene	11.654	112	337083	25.54	ug/L	100
52) Ethylbenzene	11.727	91	862909	27.10	ug/L	100
53) m,p-Xylene	11.837	106	317032	27.66	ug/L	100
54) o-Xylene	12.160	106	245269	27.19	ug/L	100
55) Styrene	12.178	104	349974	26.92	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.709	83	89546	25.01	ug/L	100
59) Bromoform	12.349	173	39103	25.55	ug/L	100
60) Isopropylbenzene	12.459	105	960040	27.05	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	69762	24.56	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	663865	27.33	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	550724	26.66	ug/L	100
64) 1,3-Dichlorobenzene	13.489	146	234946	25.09	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	226378	25.93	ug/L	100
67) 1,2-Dichlorobenzene	13.861	146	178135	25.02	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.477	75	21664	23.64	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	166259	25.76	ug/L	100
70) 1,2,4-trichlorobenzene	15.123	180	111338	25.46	ug/L	100
71) Naphthalene	15.360	128	211093	24.89	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	87819	24.72	ug/L	100

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

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