Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011025\
Data File : VW031557.D
Acq On : 10 Jan 2025 10:57
Operator : SY/MD
Sample : VSTD05055
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD050455

Quant Time: Jan 11 03:13:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jan 11 03:10:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	598039	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	509588	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	238580	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	373802	39.833	ug/L	0.00
7) Chloroethane-d5	2.899	69	276477	41.254	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	172509	41.157	ug/L	0.00
21) 2-Butanone-d5	7.100	46	136283	91.265	ug/L	0.00
24) Chloroform-d	7.648	84	681749	44.048	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	333221	43.742	ug/L	0.00
32) Benzene-d6	8.276	84	1395432	43.594	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	415491	43.963	ug/L	0.00
41) Toluene-d8	10.319	98	1260574	43.625	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	177809	45.815	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	93088	95.351	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	263424	45.578	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	361570	43.209	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	397847	52.620	ug/L	96
3) Chloromethane	2.222	50	390393	48.424	ug/L	98
5) Vinyl chloride	2.375	62	512362	49.824	ug/L	99
6) Bromomethane	2.795	94	302922	50.399	ug/L	98
8) Chloroethane	2.936	64	305979	50.619	ug/L	100
9) Trichlorofluoromethane	3.265	101	506885	49.616	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	399208	51.052	ug/L	99
12) 1,1-Dichloroethene	4.045	96	402279	50.551	ug/L	92
13) Acetone	4.185	43	103348	92.992	ug/L	86
14) Carbon disulfide	4.387	76	1352889	50.471	ug/L	99
15) Methyl Acetate	4.691	43	153633	52.543	ug/L #	75
16) Methylene chloride	4.923	84	409877	50.324	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	434365	50.820	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	709795	51.789	ug/L	100
19) 1,1-Dichloroethane	6.222	63	828162	51.500	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	470166	51.520	ug/L	100
22) 2-Butanone	7.191	43	190652	98.812	ug/L	98
23) Bromochloromethane	7.520	128	184415	51.601	ug/L	97
25) Chloroform	7.679	83	783087	51.198	ug/L	97
27) 1,2-Dichloroethane	8.398	62	484261	51.405	ug/L	96
29) Cyclohexane	7.959	56	829646	50.796	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	671770	50.782	ug/L	100
31) Carbon tetrachloride	8.069	117	603185	51.428	ug/L	98
33) Benzene	8.325	78	1790979	51.352	ug/L	100
34) Trichloroethene	9.093	95	479910	51.181	ug/L	98
35) Methylcyclohexane	9.337	83	855228	50.873	ug/L	99
37) 1,2-Dichloropropane	9.367	63	447626	51.065	ug/L	100
38) Bromodichloromethane	9.642	83	549764	51.848	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	724823	52.563	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	450496	102.961	ug/L	100
42) Toluene	10.386	91	1861157	51.051	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	586992	53.255	ug/L	96

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Quant Title : SFAM01.0
QLast Update : Sat Jan 11 03:10:14 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	291572	51.893	ug/L	96
46) Tetrachloroethene	10.855	164	336711	50.041	ug/L	94
48) 2-Hexanone	10.965	43	295979	110.696	ug/L	99
49) Dibromochloromethane	11.129	129	326501	52.814	ug/L	100
50) 1,2-Dibromoethane	11.233	107	276157	53.031	ug/L	95
51) Chlorobenzene	11.654	112	1139523	50.618	ug/L	96
52) Ethylbenzene	11.727	91	2156751	51.559	ug/L	99
53) m,p-Xylene	11.837	106	813179	50.984	ug/L	93
54) o-Xylene	12.160	106	770602	51.988	ug/L	98
55) Styrene	12.178	104	1287645	52.207	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	322611	52.254	ug/L	99
59) Bromoform	12.349	173	168366	52.961	ug/L	98
60) Isopropylbenzene	12.458	105	2130349	51.114	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	235612	52.588	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1778754	51.831	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	1741961	52.152	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	857715	51.887	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	839030	51.320	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	721255	51.093	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	53048	52.960	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	563963	50.344	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	459007	51.443	ug/L	99
71) Naphthalene	15.354	128	880449	52.624	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	394070	52.438	ug/L	94

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

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