Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061325\
Data File : VD080433.D
Acq On : 13 Jun 2025 12:07
Operator : RP/MD
Sample : VSTD2.576
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5876

Quant Time: Jun 16 09:48:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061325SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Jun 16 09:46:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.776	114	215501	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.576	117	208167	25.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.517	152	102801	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.276	65	11570	3.13	ug/L		0.00
7) Chloroethane-d5	2.806	69	9464	3.04	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.917	65	3776	2.97	ug/L		0.00
21) 2-Butanone-d5	6.988	46	3264	5.05	ug/L		0.00
24) Chloroform-d	7.570	84	18231	2.93	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.235	65	9363	3.04	ug/L		0.00
32) Benzene-d6	8.200	84	31182	2.68	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.211	67	10713	2.87	ug/L		0.00
41) Toluene-d8	10.264	98	28173	2.57	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.523	79	3991	2.54	ug/L		0.00
47) 2-Hexanone-d5	10.876	63	2582	4.56	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.646	84	9082	2.75	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.811	152	11216	2.93	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.935	85	10570	3.04	ug/L		98
3) Chloromethane	2.147	50	10703	3.12	ug/L		100
5) Vinyl chloride	2.282	62	11484	2.82	ug/L	#	72
6) Bromomethane	2.694	94	5868	2.72	ug/L		96
8) Chloroethane	2.841	64	7583	2.77	ug/L		89
9) Trichlorofluoromethane	3.170	101	15258	2.83	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	9811m	2.90	ug/L		
12) 1,1-Dichloroethene	3.947	96	7918	2.71	ug/L		84
13) Acetone	4.017	43	3814m	6.52	ug/L		
14) Carbon disulfide	4.270	76	27687	2.80	ug/L	#	90
15) Methyl Acetate	4.559	43	4038m	2.91	ug/L		
16) Methylene chloride	4.811	84	20282m	5.03	ug/L		
17) trans-1,2-Dichloroethene	5.323	96	8773	2.67	ug/L		90
18) Methyl tert-butyl Ether	5.311	73	14655m	2.28	ug/L		
19) 1,1-Dichloroethane	6.111	63	15289	2.68	ug/L		94
20) cis-1,2-Dichloroethene	7.076	96	8581	2.45	ug/L		96
22) 2-Butanone	7.094	43	4115m	5.11	ug/L		
23) Bromochloromethane	7.423	128	4791	2.68	ug/L	#	85
25) Chloroform	7.594	83	16759	2.64	ug/L		92
27) 1,2-Dichloroethane	8.323	62	9673	2.66	ug/L	#	90
29) Cyclohexane	7.876	56	10512	2.27	ug/L	#	61
30) 1,1,1-Trichloroethane	7.788	97	14241	2.72	ug/L		99
31) Carbon tetrachloride	7.988	117	13661	2.80	ug/L	#	71
33) Benzene	8.247	78	32514	2.54	ug/L		100
34) Trichloroethene	9.029	95	9709	2.71	ug/L		91
35) Methylcyclohexane	9.270	83	12457	2.36	ug/L		95
37) 1,2-Dichloropropane	9.305	63	9297	2.65	ug/L	#	91
38) Bromodichloromethane	9.582	83	11894	2.59	ug/L	#	93
39) cis-1,3-Dichloropropene	10.017	75	12128	2.32	ug/L		96
40) 4-Methyl-2-pentanone	10.158	43	7751	4.35	ug/L		99
42) Toluene	10.335	91	32326	2.30	ug/L		100
44) trans-1,3-Dichloropropene	10.552	75	10345	2.29	ug/L		94

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.735	97	7530	2.63	ug/L		82
46) Tetrachloroethene	10.805	164	8128	2.60	ug/L		94
48) 2-Hexanone	10.917	43	5843	4.49	ug/L		93
49) Dibromochloromethane	11.064	129	8536	2.51	ug/L		95
50) 1,2-Dibromoethane	11.170	107	6476	2.40	ug/L	#	92
51) Chlorobenzene	11.599	112	24141	2.52	ug/L		92
52) Ethylbenzene	11.682	91	34886	2.31	ug/L		95
53) m,p-Xylene	11.793	106	12978	2.22	ug/L		96
54) o-Xylene	12.117	106	12023	2.15	ug/L		94
55) Styrene	12.135	104	21208	2.12	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.670	83	8538	2.57	ug/L		97
59) Bromoform	12.299	173	5624	2.63	ug/L	#	97
60) Isopropylbenzene	12.417	105	32572	2.38	ug/L		98
61) 1,2,3-Trichloropropane	12.723	75	6111	2.89	ug/L		95
62) 1,3,5-Trimethylbenzene	12.899	105	24705	2.31	ug/L		100
63) 1,2,4-Trimethylbenzene	13.205	105	23374	2.20	ug/L		99
64) 1,3-Dichlorobenzene	13.452	146	18465	2.60	ug/L		96
65) 1,4-Dichlorobenzene	13.535	146	19836	2.69	ug/L		99
67) 1,2-Dichlorobenzene	13.829	146	17501	2.65	ug/L		90
68) 1,2-Dibromo-3-chloropr...	14.440	75	1382	2.87	ug/L	#	62
69) 1,3,5-Trichlorobenzene	14.593	180	13205	2.70	ug/L		95
70) 1,2,4-trichlorobenzene	15.093	180	10809	2.63	ug/L		93
71) Naphthalene	15.329	128	17383	2.37	ug/L		97
72) 1,2,3-Trichlorobenzene	15.517	180	9883	2.60	ug/L		99

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

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