Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010925\
Data File : VD080191.D
Acq On : 09 Jan 2025 11:55
Operator : RP/MD
Sample : VSTD05065
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD050865

Quant Time: Jan 09 19:48:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM010925SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jan 09 19:44:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	241388	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	230619	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	125431	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	348377	49.209	ug/L	0.00
7) Chloroethane-d5	2.805	69	282950	49.181	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	86188	50.370	ug/L	0.00
21) 2-Butanone-d5	6.987	46	75713	94.717	ug/L	-0.01
24) Chloroform-d	7.575	84	370879	48.962	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.240	65	190887	48.110	ug/L	0.00
32) Benzene-d6	8.204	84	734116	49.308	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	231831	47.047	ug/L	0.00
41) Toluene-d8	10.269	98	698742	51.496	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	97351	48.353	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	66147	107.711	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	175648	47.569	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	224203	47.549	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.940	85	213045	44.469	ug/L	97
3) Chloromethane	2.152	50	291890	44.691	ug/L	97
5) Vinyl chloride	2.287	62	375874	46.902	ug/L	98
6) Bromomethane	2.699	94	225053	48.221	ug/L	97
8) Chloroethane	2.840	64	231099	47.011	ug/L	100
9) Trichlorofluoromethane	3.181	101	315868	47.437	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	180925	47.622	ug/L	99
12) 1,1-Dichloroethene	3.946	96	168707	49.749	ug/L	96
13) Acetone	4.034	43	53424	82.468	ug/L	78
14) Carbon disulfide	4.281	76	605304	47.891	ug/L	99
15) Methyl Acetate	4.569	43	73282	46.001	ug/L	95
16) Methylene chloride	4.811	84	190362	46.454	ug/L	98
17) trans-1,2-Dichloroethene	5.316	96	185881	50.099	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	369007	52.500	ug/L	99
19) 1,1-Dichloroethane	6.116	63	340650	47.831	ug/L	98
20) cis-1,2-Dichloroethene	7.087	96	199768	51.493	ug/L	88
22) 2-Butanone	7.087	43	87305	94.679	ug/L	100
23) Bromochloromethane	7.434	128	90858	48.318	ug/L	93
25) Chloroform	7.605	83	370501	46.940	ug/L	99
27) 1,2-Dichloroethane	8.328	62	217114	47.153	ug/L	98
29) Cyclohexane	7.881	56	310799	53.565	ug/L	99
30) 1,1,1-Trichloroethane	7.799	97	296908	48.595	ug/L	98
31) Carbon tetrachloride	7.999	117	260457	48.298	ug/L	100
33) Benzene	8.257	78	766873	48.902	ug/L	100
34) Trichloroethene	9.034	95	195131	48.045	ug/L	99
35) Methylcyclohexane	9.275	83	314348	52.050	ug/L	98
37) 1,2-Dichloropropane	9.310	63	203805	47.702	ug/L	99
38) Bromodichloromethane	9.587	83	255190	47.641	ug/L	99
39) cis-1,3-Dichloropropene	10.022	75	315706	52.280	ug/L	99
40) 4-Methyl-2-pentanone	10.163	43	205848	98.149	ug/L	99
42) Toluene	10.334	91	850787	51.927	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	269047	51.592	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	148393	47.570	ug/L		98
46) Tetrachloroethene	10.816	164	157360	48.086	ug/L		95
48) 2-Hexanone	10.922	43	144589	103.453	ug/L		98
49) Dibromochloromethane	11.075	129	169021	48.652	ug/L		96
50) 1,2-Dibromoethane	11.181	107	136484	48.142	ug/L		97
51) Chlorobenzene	11.610	112	515796	49.107	ug/L		99
52) Ethylbenzene	11.687	91	922859	52.493	ug/L		98
53) m,p-Xylene	11.798	106	343104	52.220	ug/L		99
54) o-Xylene	12.122	106	333512	54.261	ug/L		97
55) Styrene	12.134	104	595597	53.501	ug/L		95
57) 1,1,2,2-Tetrachloroethane	12.675	83	168565	47.667	ug/L	#	92
59) Bromoform	12.298	173	104427	46.400	ug/L		99
60) Isopropylbenzene	12.422	105	904298	51.694	ug/L		100
61) 1,2,3-Trichloropropane	12.728	75	117416	44.268	ug/L		97
62) 1,3,5-Trimethylbenzene	12.904	105	730176	52.377	ug/L		99
63) 1,2,4-Trimethylbenzene	13.216	105	725688	53.362	ug/L		99
64) 1,3-Dichlorobenzene	13.463	146	406692	47.527	ug/L		99
65) 1,4-Dichlorobenzene	13.540	146	413173	46.762	ug/L		99
67) 1,2-Dichlorobenzene	13.834	146	366771	47.851	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.451	75	24749	42.716	ug/L	#	89
69) 1,3,5-Trichlorobenzene	14.598	180	283885	48.786	ug/L		100
70) 1,2,4-trichlorobenzene	15.104	180	231637	48.783	ug/L		99
71) Naphthalene	15.334	128	419784	50.246	ug/L		99
72) 1,2,3-Trichlorobenzene	15.522	180	213789	48.477	ug/L		97

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

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