Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121324\
Data File : VD080163.D
Acq On : 13 Dec 2024 11:27
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: Dec 13 22:46:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 13 22:44:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.781	114	216369	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.580	117	208944	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	109319	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.275	65	396807	50.018	ug/L		0.00
7) Chloroethane-d5	2.804	69	303425	48.578	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.916	65	84379	49.413	ug/L		0.00
21) 2-Butanone-d5	6.992	46	78065	94.911	ug/L		0.00
24) Chloroform-d	7.569	84	351491	49.905	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.234	65	185294	46.452	ug/L		0.00
32) Benzene-d6	8.204	84	725209	49.918	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.210	67	222807	48.166	ug/L		0.00
41) Toluene-d8	10.269	98	666995	52.489	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.522	79	95126	50.425	ug/L		0.00
47) 2-Hexanone-d5	10.875	63	67518	105.723	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	169696	47.908	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	210336	49.273	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.934	85	177475	52.175	ug/L		99
3) Chloromethane	2.152	50	290112	48.466	ug/L		98
5) Vinyl chloride	2.287	62	373327	50.559	ug/L		98
6) Bromomethane	2.693	94	211958	48.895	ug/L		95
8) Chloroethane	2.840	64	227171	48.122	ug/L		94
9) Trichlorofluoromethane	3.175	101	276823	48.297	ug/L		97
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	162475	53.606	ug/L		99
12) 1,1-Dichloroethene	3.940	96	152003	50.127	ug/L		93
13) Acetone	4.028	43	130360	91.845	ug/L		100
14) Carbon disulfide	4.275	76	567261	49.656	ug/L		99
15) Methyl Acetate	4.563	43	71338	46.207	ug/L		98
16) Methylene chloride	4.798	84	173558	45.515	ug/L		97
17) trans-1,2-Dichloroethene	5.316	96	166349	49.630	ug/L		94
18) Methyl tert-butyl Ether	5.322	73	351982	52.674	ug/L	#	91
19) 1,1-Dichloroethane	6.116	63	311809	48.343	ug/L		98
20) cis-1,2-Dichloroethene	7.081	96	182207	50.691	ug/L		97
22) 2-Butanone	7.087	43	144378	99.989	ug/L		99
23) Bromochloromethane	7.434	128	80109	47.931	ug/L		98
25) Chloroform	7.598	83	333166	46.412	ug/L		98
27) 1,2-Dichloroethane	8.328	62	208475	49.034	ug/L		99
29) Cyclohexane	7.881	56	275625	55.964	ug/L		99
30) 1,1,1-Trichloroethane	7.792	97	261300	47.940	ug/L		100
31) Carbon tetrachloride	7.992	117	227636	49.181	ug/L		98
33) Benzene	8.251	78	726327	50.138	ug/L		100
34) Trichloroethene	9.028	95	177148	48.253	ug/L		97
35) Methylcyclohexane	9.275	83	302127	55.116	ug/L		99
37) 1,2-Dichloropropane	9.304	63	194871	49.702	ug/L		98
38) Bromodichloromethane	9.586	83	239786	49.843	ug/L		100
39) cis-1,3-Dichloropropene	10.016	75	297766	53.933	ug/L		99
40) 4-Methyl-2-pentanone	10.157	43	216012	104.680	ug/L		99
42) Toluene	10.333	91	792535	53.050	ug/L		99
44) trans-1,3-Dichloropropene	10.551	75	251527	52.507	ug/L		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.733	97	135452	48.999	ug/L		97
46) Tetrachloroethene	10.810	164	140532	50.078	ug/L		93
48) 2-Hexanone	10.922	43	215145	108.700	ug/L		97
49) Dibromochloromethane	11.075	129	151827	48.802	ug/L		92
50) 1,2-Dibromoethane	11.180	107	122296	47.778	ug/L	#	92
51) Chlorobenzene	11.604	112	469907	49.905	ug/L		96
52) Ethylbenzene	11.680	91	849688	53.566	ug/L		99
53) m,p-Xylene	11.792	106	317942	53.397	ug/L		97
54) o-Xylene	12.122	106	308813	55.195	ug/L		99
55) Styrene	12.133	104	560381	55.679	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.669	83	158788	49.123	ug/L	#	98
59) Bromoform	12.298	173	92084	47.961	ug/L		97
60) Isopropylbenzene	12.422	105	831195	53.890	ug/L		99
61) 1,2,3-Trichloropropane	12.722	75	108604	47.192	ug/L		99
62) 1,3,5-Trimethylbenzene	12.904	105	666880	54.314	ug/L		98
63) 1,2,4-Trimethylbenzene	13.210	105	666338	55.263	ug/L		99
64) 1,3-Dichlorobenzene	13.457	146	363828	49.646	ug/L		98
65) 1,4-Dichlorobenzene	13.533	146	380659	48.769	ug/L		99
67) 1,2-Dichlorobenzene	13.827	146	338502	50.389	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.445	75	23416	44.113	ug/L		84
69) 1,3,5-Trichlorobenzene	14.592	180	246484	52.671	ug/L		99
70) 1,2,4-trichlorobenzene	15.098	180	206864	51.569	ug/L		98
71) Naphthalene	15.327	128	386584	53.028	ug/L		99
72) 1,2,3-Trichlorobenzene	15.521	180	189383	51.450	ug/L		99

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

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