Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011823\
Data File : VV029893.D
Acq On : 18 Jan 2023 12:10
Operator : SY/MD
Sample : VSTD20006
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD200206

Quant Time: Jan 19 00:27:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011823WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 19 00:23:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	468251	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	493851	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	286756	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	724342	241.619	ug/L	0.00
7) Chloroethane-d5	1.555	69	589356	253.876	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	1238883	260.980	ug/L	0.00
21) 2-Butanone-d5	3.857	46	830301	459.763	ug/L	0.00
24) Chloroform-d	4.330	84	1255241	224.836	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.014	65	709869	223.768	ug/L	0.00
32) Benzene-d6	5.034	84	2631597	198.275	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.056	67	792368	195.746	ug/L	0.00
41) Toluene-d8	7.304	98	2450681	196.913	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.606	79	396359	197.948	ug/L	0.00
47) 2-Hexanone-d5	8.079	63	751088	431.151	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.204	84	1338547	228.113	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.612	152	1070033	196.819	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	690269	193.207	ug/L	100
3) Chloromethane	1.236	50	676739	168.662	ug/L	99
5) Vinyl chloride	1.307	62	827545	231.288	ug/L	99
6) Bromomethane	1.510	94	332414	237.058	ug/L	98
8) Chloroethane	1.571	64	502278	246.502	ug/L	99
9) Trichlorofluoromethane	1.744	101	1058328	234.053	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	673987	262.999	ug/L	99
12) 1,1-Dichloroethene	2.111	96	655253	252.977	ug/L	94
13) Acetone	2.153	43	947006	704.470	ug/L	99
14) Carbon disulfide	2.285	76	1643636	201.767	ug/L	100
15) Methyl Acetate	2.416	43	595510	224.510	ug/L	100
16) Methylene chloride	2.494	84	723022	227.121	ug/L	99
17) trans-1,2-Dichloroethene	2.748	96	672572	230.555	ug/L	98
18) Methyl tert-butyl Ether	2.757	73	2148223	238.567	ug/L	100
19) 1,1-Dichloroethane	3.175	63	1171177	230.726	ug/L	99
20) cis-1,2-Dichloroethene	3.892	96	762532	235.809	ug/L	97
22) 2-Butanone	3.941	43	944077	491.315	ug/L	95
23) Bromochloromethane	4.227	128	384969	230.192	ug/L	99
25) Chloroform	4.355	83	1219746	231.911	ug/L	99
27) 1,2-Dichloroethane	5.114	62	852495	229.654	ug/L	98
29) Cyclohexane	4.661	56	1026014	194.472	ug/L	98
30) 1,1,1-Trichloroethane	4.593	97	1060792	196.313	ug/L	100
31) Carbon tetrachloride	4.812	117	909720	194.237	ug/L	99
33) Benzene	5.085	78	2790786	198.837	ug/L	100
34) Trichloroethene	5.899	95	699352	200.320	ug/L	98
35) Methylcyclohexane	6.117	83	1204228	203.896	ug/L	98
37) 1,2-Dichloropropane	6.159	63	711349	207.973	ug/L	100
38) Bromodichloromethane	6.497	83	930328	199.198	ug/L	99
39) cis-1,3-Dichloropropene	7.011	75	1130357	207.409	ug/L	98
40) 4-Methyl-2-pentanone	7.217	43	1639292	404.810	ug/L	98
42) Toluene	7.374	91	3031168	201.096	ug/L	98
44) trans-1,3-Dichloropropene	7.635	75	1073999	207.835	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.825	97	720089	204.315	ug/L	100
46) Tetrachloroethene	7.963	164	580028	206.042	ug/L	99
48) 2-Hexanone	8.130	43	1318044	418.107	ug/L	100
49) Dibromochloromethane	8.233	129	785246	204.463	ug/L	99
50) 1,2-Dibromoethane	8.339	107	737846	204.142	ug/L	98
51) Chlorobenzene	8.870	112	2162260	224.873	ug/L	99
52) Ethylbenzene	8.998	91	3627532	229.046	ug/L	99
53) m,p-Xylene	9.127	106	1453751	231.664	ug/L	100
54) o-Xylene	9.532	106	1418810	229.150	ug/L	100
55) Styrene	9.548	104	2498430	229.418	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.230	83	1314478	231.761	ug/L	99
59) Bromoform	9.718	173	614406	201.726	ug/L	99
60) Isopropylbenzene	9.918	105	3849185	233.063	ug/L	100
61) 1,2,3-Trichloropropane	10.259	75	950578	216.535	ug/L	99
62) 1,3,5-Trimethylbenzene	10.525	105	3111185	213.100	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	3110536	215.015	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	1733937	211.676	ug/L	99
65) 1,4-Dichlorobenzene	11.259	146	1761690	211.344	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	1706809	204.134	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.413	75	251604	188.054	ug/L	97
69) 1,3,5-Trichlorobenzene	12.631	180	1385706	214.119	ug/L	100
70) 1,2,4-trichlorobenzene	13.246	180	1292218	224.954	ug/L	100
71) Naphthalene	13.487	128	3593214	263.994	ug/L	99
72) 1,2,3-Trichlorobenzene	13.728	180	1208678	214.667	ug/L	100

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

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