Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080224\
Data File : VV036761.D
Acq On : 02 Aug 2024 11:47
Operator : SY/MD
Sample : VSTD20044
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD200244

Quant Time: Aug 02 23:46:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 02 23:21:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	451918	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	439359	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	226758	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	677804	201.516	ug/L	0.00
7) Chloroethane-d5	1.529	69	556573	209.339	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	307359	206.631	ug/L	0.00
21) 2-Butanone-d5	3.789	46	826067	535.455	ug/L	0.00
24) Chloroform-d	4.239	84	1293907	207.879	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.934	65	833957	207.733	ug/L	0.00
32) Benzene-d6	4.950	84	2525855	198.892	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	815523	199.575	ug/L	0.00
41) Toluene-d8	7.236	98	2368951	205.565	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	448998	212.573	ug/L	0.00
47) 2-Hexanone-d5	8.021	63	580653	522.990	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	981190	213.293	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	869856	202.535	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	686028	208.591	ug/L	100
3) Chloromethane	1.217	50	738998	204.657	ug/L	100
5) Vinyl chloride	1.281	62	791849	210.750	ug/L	99
6) Bromomethane	1.484	94	505853	208.045	ug/L	98
8) Chloroethane	1.545	64	503437	212.787	ug/L	98
9) Trichlorofluoromethane	1.709	101	1068275	216.983	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	643171	219.664	ug/L	99
12) 1,1-Dichloroethene	2.063	96	596238	212.945	ug/L	94
13) Acetone	2.111	43	746071	480.831	ug/L	99
14) Carbon disulfide	2.233	76	1819412	206.144	ug/L	99
15) Methyl Acetate	2.368	43	686537	217.012	ug/L	99
16) Methylene chloride	2.439	84	656800	207.351	ug/L	100
17) trans-1,2-Dichloroethene	2.683	96	626745	215.186	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	2195524	215.120	ug/L	100
19) 1,1-Dichloroethane	3.101	63	1249163	212.499	ug/L	99
20) cis-1,2-Dichloroethene	3.802	96	725134	210.333	ug/L	98
22) 2-Butanone	3.870	43	973098	499.054	ug/L	98
23) Bromochloromethane	4.133	128	350256	210.390	ug/L	96
25) Chloroform	4.265	83	1274582	208.620	ug/L	99
27) 1,2-Dichloroethane	5.034	62	1036044	218.831	ug/L	99
29) Cyclohexane	4.567	56	1161400	210.957	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	1141456	209.508	ug/L	99
31) Carbon tetrachloride	4.722	117	969107	211.586	ug/L	99
33) Benzene	4.998	78	2693960	207.962	ug/L	100
34) Trichloroethene	5.821	95	802066	213.561	ug/L	98
35) Methylcyclohexane	6.040	83	1230254	216.107	ug/L	100
37) 1,2-Dichloropropane	6.085	63	732791	214.840	ug/L	99
38) Bromodichloromethane	6.426	83	1008355	213.117	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	1277432	215.456	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	1890012	458.259	ug/L	99
42) Toluene	7.307	91	2909335	212.221	ug/L	98
44) trans-1,3-Dichloropropene	7.574	75	1211147	220.372	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.763	97	694791	212.284	ug/L	99
46) Tetrachloroethene	7.899	164	525340	215.209	ug/L	100
48) 2-Hexanone	8.072	43	1488629	479.226	ug/L	99
49) Dibromochloromethane	8.172	129	744726	216.948	ug/L	98
50) 1,2-Dibromoethane	8.275	107	740044	213.875	ug/L	98
51) Chlorobenzene	8.808	112	1875670	211.290	ug/L	99
52) Ethylbenzene	8.940	91	3371538	213.290	ug/L	99
53) m,p-Xylene	9.066	106	1278425	220.674	ug/L	98
54) o-Xylene	9.474	106	1241435	215.332	ug/L	99
55) Styrene	9.490	104	2179066	220.863	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	951292	216.266	ug/L	100
59) Bromoform	9.661	173	546374	222.412	ug/L	99
60) Isopropylbenzene	9.863	105	3375273	209.502	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	847628	216.468	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	2870220	212.661	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	2858553	213.053	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	1475780	210.804	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	1487095	208.393	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	1422591	208.229	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	261677	233.551	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	1068763	218.601	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	1020273	218.501	ug/L	99
71) Naphthalene	13.432	128	3188667	218.194	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	994399	219.058	ug/L	100

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

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