Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080422\
Data File : VX030388.D
Acq On : 04 Aug 2022 12:18
Operator : JC/MD
Sample : VSTD20005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD200605

Quant Time: Aug 05 04:58:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 05 04:51:19 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	6.769	114	332718	50.000	ug/L		0.00
28) Chlorobenzene-d5	10.055	117	295507	50.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	149012	50.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.368	65	413905	193.716	ug/L		0.00
7) Chloroethane-d5	1.660	69	205036	136.125	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.306	63	790026	195.469	ug/L		0.00
21) 2-Butanone-d5	4.465	46	797671	402.921	ug/L		0.00
24) Chloroform-d	5.062	84	856001	194.617	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.964	65	568385	190.317	ug/L		0.00
32) Benzene-d6	5.983	84	1633206	192.943	ug/L		0.00
36) 1,2-Dichloropropane-d6	7.312	67	525874	191.483	ug/L		0.00
41) Toluene-d8	8.653	98	1550085	194.273	ug/L		0.00
43) trans-1,3-Dichloroprop...	8.952	79	282332	206.648	ug/L		0.00
47) 2-Hexanone-d5	9.391	63	557364	398.159	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	696723	193.117	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	549259	190.039	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.166	85	505846	202.046	ug/L		96
3) Chloromethane	1.288	50	408354	189.694	ug/L		98
5) Vinyl chloride	1.374	62	440581	191.600	ug/L		100
6) Bromomethane	1.605	94	190850	176.616	ug/L		98
8) Chloroethane	1.678	64	223789	170.856	ug/L		100
9) Trichlorofluoromethane	1.880	101	636878	187.402	ug/L		100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	395563	195.692	ug/L		99
12) 1,1-Dichloroethene	2.319	96	374427	201.061	ug/L	#	73
13) Acetone	2.392	43	572337	394.314	ug/L		100
14) Carbon disulfide	2.508	76	1188234	196.864	ug/L		99
15) Methyl Acetate	2.709	43	580269	193.215	ug/L		100
16) Methylene chloride	2.788	84	441676	187.043	ug/L		99
17) trans-1,2-Dichloroethene	3.093	96	421746	195.483	ug/L		95
18) Methyl tert-butyl Ether	3.123	73	1425883	194.344	ug/L		100
19) 1,1-Dichloroethane	3.611	63	801504	192.078	ug/L		99
20) cis-1,2-Dichloroethene	4.495	96	473397	195.058	ug/L		95
22) 2-Butanone	4.568	43	888504	388.183	ug/L		99
23) Bromochloromethane	4.910	128	227189	186.668	ug/L		98
25) Chloroform	5.099	83	844963	192.725	ug/L		100
27) 1,2-Dichloroethane	6.092	62	700208	191.888	ug/L		97
29) Cyclohexane	5.477	56	766707	195.164	ug/L		100
30) 1,1,1-Trichloroethane	5.391	97	753786	193.382	ug/L		99
31) Carbon tetrachloride	5.678	117	638556	198.489	ug/L		99
33) Benzene	6.044	78	1799078	189.886	ug/L		100
34) Trichloroethene	7.129	95	520458	189.665	ug/L		87
35) Methylcyclohexane	7.385	83	761558	190.637	ug/L		99
37) 1,2-Dichloropropane	7.434	63	474128	188.209	ug/L		100
38) Bromodichloromethane	7.824	83	646935	194.040	ug/L		95
39) cis-1,3-Dichloropropene	8.372	75	760182	202.229	ug/L		99
40) 4-Methyl-2-pentanone	8.580	43	1687953	384.768	ug/L		99
42) Toluene	8.726	91	1926342	192.464	ug/L		100
44) trans-1,3-Dichloropropene	8.982	75	765907	208.233	ug/L		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.159	97	461206	196.892	ug/L	97
46) Tetrachloroethene	9.275	164	333558	192.338	ug/L	97
48) 2-Hexanone	9.439	43	1341494	393.569	ug/L	98
49) Dibromochloromethane	9.525	129	498251	199.935	ug/L	99
50) 1,2-Dibromoethane	9.616	107	500343	194.234	ug/L	98
51) Chlorobenzene	10.086	112	1199749	192.404	ug/L	98
52) Ethylbenzene	10.195	91	2132899	195.440	ug/L	99
53) m,p-Xylene	10.305	106	808441	198.747	ug/L	100
54) o-Xylene	10.646	106	799399	197.220	ug/L	100
55) Styrene	10.659	104	1386282	203.122	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	688642	193.211	ug/L	98
59) Bromoform	10.805	173	346069	213.268	ug/L	99
60) Isopropylbenzene	10.963	105	2088182	197.701	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	613216	191.624	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	1811614	200.899	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	1882546	206.722	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	889946	193.824	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	884141	189.421	ug/L	94
67) 1,2-Dichlorobenzene	12.341	146	879453	185.218	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	224530	212.702	ug/L	96
69) 1,3,5-Trichlorobenzene	13.115	180	650078	201.890	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	571906	202.239	ug/L	96
71) Naphthalene	13.780	128	2327355	198.822	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	599251	200.612	ug/L	100

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

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