Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021422\
Data File : VX027011.D
Acq On : 14 Feb 2022 11:20
Operator : JC/MD
Sample : VSTD10063
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD100663

Quant Time: Feb 15 05:01:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM021422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 15 04:56:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	126861	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	120634	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	62443	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	118114	104.892	ug/L	0.00
7) Chloroethane-d5	1.672	69	78687	108.904	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.312	63	231257	107.106	ug/L	0.00
21) 2-Butanone-d5	4.452	46	170479	217.952	ug/L	0.00
24) Chloroform-d	5.062	84	226176	106.956	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	143786	104.915	ug/L	0.00
32) Benzene-d6	5.976	84	454463	104.578	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	136521	105.759	ug/L	0.00
41) Toluene-d8	8.653	98	418129	105.161	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	65951	112.053	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	124482	223.054	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	158840	104.118	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	150089	105.815	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	150248	110.343	ug/L	99
3) Chloromethane	1.294	50	115988	108.240	ug/L	99
5) Vinyl chloride	1.380	62	117964	109.493	ug/L	100
6) Bromomethane	1.617	94	48163	105.092	ug/L	99
8) Chloroethane	1.691	64	64247	110.309	ug/L	95
9) Trichlorofluoromethane	1.892	101	164825	109.977	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	107398	111.153	ug/L	99
12) 1,1-Dichloroethene	2.325	96	99056	111.597	ug/L	89
13) Acetone	2.386	43	131844	200.286	ug/L	100
14) Carbon disulfide	2.520	76	295789	112.489	ug/L	99
15) Methyl Acetate	2.703	43	115607	113.686	ug/L	99
16) Methylene chloride	2.794	84	107550	110.586	ug/L	98
17) trans-1,2-Dichloroethene	3.099	96	104326	111.080	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	327790	113.726	ug/L	99
19) 1,1-Dichloroethane	3.617	63	188416	112.476	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	115951	112.507	ug/L	99
22) 2-Butanone	4.562	43	183625	217.786	ug/L	100
23) Bromochloromethane	4.910	128	59254	112.588	ug/L	97
25) Chloroform	5.098	83	198633	110.848	ug/L	97
27) 1,2-Dichloroethane	6.092	62	155443	112.150	ug/L	99
29) Cyclohexane	5.476	56	186530	112.782	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	176715	112.571	ug/L	100
31) Carbon tetrachloride	5.684	117	158203	113.607	ug/L	99
33) Benzene	6.043	78	430256	110.383	ug/L	100
34) Trichloroethene	7.129	95	125099	112.199	ug/L	98
35) Methylcyclohexane	7.385	83	191979	113.935	ug/L	100
37) 1,2-Dichloropropane	7.433	63	109479	111.676	ug/L	100
38) Bromodichloromethane	7.824	83	149891	113.906	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	173720	118.237	ug/L	97
40) 4-Methyl-2-pentanone	8.573	43	321350	230.605	ug/L	99
42) Toluene	8.720	91	463950	110.860	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	165365	119.758	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	105919	110.501	ug/L	98
46) Tetrachloroethene	9.275	164	91245	110.527	ug/L	97
48) 2-Hexanone	9.433	43	247886	219.720	ug/L	99
49) Dibromochloromethane	9.525	129	121845	115.911	ug/L	99
50) 1,2-Dibromoethane	9.610	107	113605	112.898	ug/L	96
51) Chlorobenzene	10.079	112	300850	112.263	ug/L	100
52) Ethylbenzene	10.195	91	506843	112.589	ug/L	100
53) m,p-Xylene	10.299	106	201887	113.754	ug/L	97
54) o-Xylene	10.640	106	193347	113.887	ug/L	97
55) Styrene	10.658	104	332289	115.572	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	137337	108.204	ug/L	99
59) Bromoform	10.799	173	83932	117.137	ug/L	99
60) Isopropylbenzene	10.963	105	508041	112.609	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	127100	107.312	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	360708	115.916	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	433380	114.674	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	224933	112.080	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	224675	111.248	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	215965	111.304	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	34884	121.289	ug/L	97
69) 1,3,5-Trichlorobenzene	13.115	180	159864	115.916	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	145225	119.272	ug/L	100
71) Naphthalene	13.774	128	491692	121.281	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	142200	116.805	ug/L	99

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

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