Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101921\
Data File : VU045329.D
Acq On : 19 Oct 2021 14:12
Operator : SY/MD
Sample : VSTD20023
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD200023

Quant Time: Oct 20 02:48:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101921WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 20 02:46:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	315663	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	313270	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	163845	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	267277	87.369	ug/L	0.00
7) Chloroethane-d5	1.900	69	255132	103.850	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.572	63	546598	105.249	ug/L	0.00
21) 2-Butanone-d5	4.626	46	849357	325.251	ug/L	0.00
24) Chloroform-d	5.067	84	735889	143.930	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	482077	138.961	ug/L	0.00
32) Benzene-d6	5.732	84	1169209	118.648	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	459781	139.688	ug/L	0.00
41) Toluene-d8	7.903	98	1018737	120.375	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	254138	170.427	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	665487	356.223	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	896340	168.753	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	581189	169.895	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	436881	151.666	ug/L	99
3) Chloromethane	1.523	50	473873	133.649	ug/L	99
5) Vinyl chloride	1.604	62	543495	153.831	ug/L	98
6) Bromomethane	1.835	94	297161	170.671	ug/L	98
8) Chloroethane	1.922	64	345535	155.731	ug/L	100
9) Trichlorofluoromethane	2.134	101	662530	163.044	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	426578	165.461	ug/L	100
12) 1,1-Dichloroethene	2.578	96	402443	170.836	ug/L	98
13) Acetone	2.629	43	822495	276.863	ug/L	99
14) Carbon disulfide	2.793	76	1096894	148.319	ug/L	100
15) Methyl Acetate	2.951	43	564061	152.118	ug/L	99
16) Methylene chloride	3.047	84	488735	162.609	ug/L	100
17) trans-1,2-Dichloroethene	3.353	96	424704	170.819	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	1543755	185.596	ug/L	100
19) 1,1-Dichloroethane	3.874	63	852608	164.661	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	494968	178.859	ug/L	99
22) 2-Butanone	4.707	43	984312	293.739	ug/L	100
23) Bromochloromethane	4.980	128	238154	169.900	ug/L	100
25) Chloroform	5.092	83	860578	165.935	ug/L	99
27) 1,2-Dichloroethane	5.800	62	694006	161.708	ug/L	100
29) Cyclohexane	5.391	56	761028	170.584	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	717686	171.879	ug/L	99
31) Carbon tetrachloride	5.530	117	560491	170.064	ug/L	100
33) Benzene	5.777	78	1882605	168.436	ug/L	100
34) Trichloroethene	6.546	95	466829	172.708	ug/L	99
35) Methylcyclohexane	6.768	83	777957	175.233	ug/L	99
37) 1,2-Dichloropropane	6.796	63	506676	166.153	ug/L	99
38) Bromodichloromethane	7.108	83	673721	179.251	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	829725	188.685	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	1673511	332.631	ug/L	100
42) Toluene	7.973	91	2015824	177.255	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	798816	190.852	ug/L	99

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45) 1,1,2-Trichloroethane	8.404	97	488538	174.844	ug/L	98
46) Tetrachloroethene	8.558	164	329337	171.558	ug/L	98
48) 2-Hexanone	8.690	43	1386162	312.764	ug/L	97
49) Dibromochloromethane	8.816	129	505807	183.419	ug/L	98
50) 1,2-Dibromoethane	8.928	107	516151	177.056	ug/L	98
51) Chlorobenzene	9.452	112	1277086	179.882	ug/L	98
52) Ethylbenzene	9.574	91	2275218	187.762	ug/L	100
53) m,p-Xylene	9.697	106	873706	190.229	ug/L	100
54) o-xylene	10.105	106	869674	192.370	ug/L	98
55) Styrene	10.118	104	1535877	197.653	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	896313	168.395	ug/L	98
59) Bromoform	10.295	173	375165	189.926	ug/L	99
60) 1,2,3-Trichloropropane	10.828	75	709777	162.032	ug/L	99
61) Isopropylbenzene	10.488	105	2270115	194.320	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	1971209	201.806	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	2013881	201.839	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	1005413	185.041	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	1009669	181.436	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	1000390	180.265	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	218484	175.595	ug/L	97
69) 1,3,5-Trichlorobenzene	13.224	180	741122	197.561	ug/L	100
70) 1,2,4-trichlorobenzene	13.844	180	673246	216.675	ug/L	100
71) Naphthalene	14.089	128	2413234	226.399	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	655692	207.350	ug/L	99

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

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