Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV021920\
Data File : VV014611.D
Acq On : 19 Feb 2020 16:59
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VICV706

Quant Time: Feb 20 02:50:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR021920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Feb 20 02:48:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	248707	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	231405	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	115884	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	45954	5.03	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.60%			
7) Chloroethane-d5	1.58	69	35631	5.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.60%			
11) 1,1-Dichloroethene-d2	2.13	63	88046	5.13	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 102.60%			
20) 2-Butanone-d5	3.95	46	107177	55.75	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.50%			
24) Chloroform-d	4.40	84	120666	5.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.40%			
26) 1,2-Dichloroethane-d4	5.08	65	72132	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.80%			
32) Benzene-d6	5.09	84	308160	5.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.00%			
36) 1,2-Dichloropropane-d6	6.11	67	85273	5.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.80%			
41) Toluene-d8	7.35	98	301002	5.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.40%			
43) trans-1,3-Dichloropropene-	7.66	79	38374	5.41	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 108.20%			
46) 2-Hexanone-d5	8.13	63	133939	55.16	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.32%			
56) 1,1,2,2-Tetrachloroethane-	10.25	84	65849	5.30	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.00%			
66) 1,2-Dichlorobenzene-d4	11.67	152	108353	5.29	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	122421	5.103	ug/L	98
3) Chloromethane	1.25	50	51502	5.047	ug/L	100
5) Vinyl chloride	1.32	62	55355	5.173	ug/L	97
6) Bromomethane	1.53	94	34409	5.410	ug/L	97
8) Chloroethane	1.60	64	27896	4.991	ug/L	94
9) Trichlorofluoromethane	1.77	101	113462	5.235	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	47452	5.202	ug/L	98
12) 1,1-Dichloroethene	2.14	96	42518	5.219	ug/L	89
13) Acetone	2.21	43	60293	53.883	ug/L	91
14) Carbon disulfide	2.32	76	234467	5.147	ug/L	99
15) Methyl Acetate	2.47	43	16723	4.146	ug/L	93
16) Methylene chloride	2.53	84	79270	4.658	ug/L	98
17) Methyl tert-butyl Ether	2.80	73	182104	5.222	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	86114	5.092	ug/L	96
19) 1,1-Dichloroethane	3.23	63	142529	5.147	ug/L	99
21) 2-Butanone	4.03	43	105527	51.301	ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	91999	5.123	ug/L	96

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR021920WMA.M
Quant Title : TRACE VOA SFAM1.0
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.29	128	36831	4.926	ug/L		92
25) Chloroform	4.42	83	193442	4.926	ug/L		100
27) 1,2-Dichloroethane	5.18	62	88739	5.351	ug/L		97
29) 1,1,1-Trichloroethane	4.65	97	145604	5.156	ug/L		98
30) Cyclohexane	4.72	56	133049	5.058	ug/L		98
31) Carbon tetrachloride	4.87	117	128108	5.231	ug/L		99
33) Benzene	5.14	78	335227	5.231	ug/L		100
34) Trichloroethene	5.95	95	91718	5.033	ug/L		96
35) Methylcyclohexane	6.17	83	154915	5.115	ug/L		100
37) 1,2-Dichloropropane	6.22	63	72756	4.898	ug/L		99
38) Bromodichloromethane	6.55	83	108804	5.126	ug/L		99
39) cis-1,3-Dichloropropene	7.07	75	127380	5.333	ug/L		100
40) 4-Methyl-2-pentanone	7.27	43	400098	55.486	ug/L		99
42) Toluene	7.43	91	369548	5.265	ug/L		98
44) trans-1,3-Dichloropropene	7.69	75	101569	5.334	ug/L		98
45) 1,1,2-Trichloroethane	7.88	97	58821	5.285	ug/L		96
47) Tetrachloroethene	8.01	164	74995	5.215	ug/L		95
48) 2-Hexanone	8.18	43	290736	56.037	ug/L		99
49) Dibromochloromethane	8.29	129	72392	5.024	ug/L		94
50) 1,2-Dibromoethane	8.39	107	57006	5.385	ug/L		92
51) Chlorobenzene	8.92	112	242169	5.230	ug/L		99
52) Ethylbenzene	9.05	91	424385	5.310	ug/L		99
53) m,p-xylene	9.18	106	164467	5.378	ug/L		99
54) o-xylene	9.58	106	156608	5.333	ug/L		99
55) Styrene	9.60	104	260387	5.368	ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.28	83	66331	5.238	ug/L	#	97
59) Bromoform	9.77	173	38805	5.293	ug/L		96
60) Isopropylbenzene	9.97	105	423619	5.289	ug/L		99
61) 1,2,3-Trichloropropane	10.31	75	49131	5.365	ug/L		99
62) 1,3,5-Trimethylbenzene	10.58	105	361169	5.404	ug/L		100
63) 1,2,4-Trimethylbenzene	10.95	105	354867	5.412	ug/L		100
64) 1,3-Dichlorobenzene	11.22	146	193250	5.146	ug/L		97
65) 1,4-Dichlorobenzene	11.31	146	194602	5.276	ug/L		99
67) 1,2-Dichlorobenzene	11.68	146	176043	5.340	ug/L		98
68) 1,2-Dibromo-3-chloropropan	12.47	75	11491	5.312	ug/L		96
69) 1,3,5-Trichlorobenzene	12.68	180	151685	5.479	ug/L		98
70) 1,2,4-trichlorobenzene	13.30	180	131264	5.660	ug/L		98
71) Naphthalene	13.54	128	235430	6.005	ug/L		99
72) 1,2,3-Trichlorobenzene	13.79	180	115952	5.708	ug/L		98

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

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