Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070219\
Data File : VU033158.D
Acq On : 02 Jul 2019 22:12
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00511

Quant Time: Jul 03 02:20:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 02:14:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	87033	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	89574	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	47327	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	23814	4.73	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.60%			
7) Chloroethane-d5	1.68	69	21742	4.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.40%			
11) 1,1-Dichloroethene-d2	2.27	63	57742	4.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.20%			
20) 2-Butanone-d5	4.19	46	93668	51.07	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.14%			
24) Chloroform-d	4.64	84	58381	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%			
26) 1,2-Dichloroethane-d4	5.31	65	32446	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.00%			
32) Benzene-d6	5.33	84	101796	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
36) 1,2-Dichloropropane-d6	6.32	67	34216	4.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.80%			
41) Toluene-d8	7.56	98	99380	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.20%			
43) trans-1,3-Dichloropropene-	7.85	79	14035	4.56	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.20%			
46) 2-Hexanone-d5	8.31	63	62530	49.32	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.64%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31561	5.02	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.40%			
64) 1,2-Dichlorobenzene-d4	11.85	152	41360	4.85	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	43666	4.897	ug/L	99
3) Chloromethane	1.33	50	42600	4.958	ug/L	99
5) Vinyl chloride	1.40	62	42501	5.033	ug/L	97
6) Bromomethane	1.62	94	23674	4.889	ug/L	98
8) Chloroethane	1.69	64	24352	4.747	ug/L	97
9) Trichlorofluoromethane	1.88	101	61884	5.129	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	31471	5.017	ug/L	99
12) 1,1-Dichloroethene	2.28	96	28670	5.048	ug/L	93
13) Acetone	2.32	43	75502	51.208	ug/L	98
14) Carbon disulfide	2.47	76	91350	4.879	ug/L	99
15) Methyl Acetate	2.61	43	17693	5.062	ug/L	99
16) Methylene chloride	2.69	84	33424	5.007	ug/L	93
17) Methyl tert-butyl Ether	3.00	73	83496	5.073	ug/L	99
18) trans-1,2-Dichloroethene	2.97	96	31183	4.976	ug/L	98
19) 1,1-Dichloroethane	3.43	63	63313	5.033	ug/L	97
21) 2-Butanone	4.27	43	104211	48.863	ug/L	100
22) cis-1,2-Dichloroethene	4.22	96	34162	4.931	ug/L	92

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ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
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Quant Time: Jul 03 02:20:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 02:14:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.54	128	16246	5.036	ug/L		97
25) Chloroform	4.67	83	66185	4.758	ug/L		97
27) 1,2-Dichloroethane	5.40	62	44757	4.968	ug/L		97
29) 1,1,1-Trichloroethane	4.90	97	55261	4.789	ug/L		97
30) Cyclohexane	4.98	56	48416	4.596	ug/L		100
31) Carbon tetrachloride	5.12	117	50180	4.858	ug/L		96
33) Benzene	5.38	78	131101	4.967	ug/L		100
34) Trichloroethene	6.18	95	35523	4.933	ug/L		98
35) Methylcyclohexane	6.40	83	48823	4.558	ug/L		98
37) 1,2-Dichloropropane	6.43	63	36370	5.008	ug/L		100
38) Bromodichloromethane	6.75	83	46400	4.897	ug/L		96
39) cis-1,3-Dichloropropene	7.26	75	48660	4.751	ug/L		97
40) 4-Methyl-2-pentanone	7.46	43	255427	50.666	ug/L		100
42) Toluene	7.63	91	142741	5.022	ug/L		99
44) trans-1,3-Dichloropropene	7.87	75	39940	4.682	ug/L		99
45) 1,1,2-Trichloroethane	8.06	97	25252	4.959	ug/L		97
47) Tetrachloroethene	8.22	164	28390	4.746	ug/L		98
48) 2-Hexanone	8.36	43	190757	52.162	ug/L		99
49) Dibromochloromethane	8.47	129	32291	5.069	ug/L		99
50) 1,2-Dibromoethane	8.58	107	24254	4.979	ug/L	#	98
51) Chlorobenzene	9.11	112	89262	4.766	ug/L		99
52) Ethylbenzene	9.24	91	147864	4.750	ug/L		99
53) m,p-Xylene	9.37	106	55629	4.893	ug/L		98
54) o-Xylene	9.77	106	53328	4.807	ug/L		96
55) Styrene	9.79	104	93559	4.999	ug/L		96
56) Isopropylbenzene	10.16	105	145225	4.866	ug/L		100
58) 1,1,2,2-Tetrachloroethane	10.45	83	32617	5.046	ug/L		96
59) 1,2,3-Trichloropropane	10.49	75	24198	4.898	ug/L		100
61) Bromoform	9.95	173	18512	5.174	ug/L		98
62) 1,3-Dichlorobenzene	11.41	146	70857	4.769	ug/L		99
63) 1,4-Dichlorobenzene	11.50	146	73367	4.754	ug/L		98
65) 1,2-Dichlorobenzene	11.87	146	71420	4.912	ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.65	75	5144	5.151	ug/L		92
67) 1,3,5-Trichlorobenzene	12.88	180	55093	4.739	ug/L		98
68) 1,2,4-trichlorobenzene	13.50	180	36916	4.462	ug/L		98
69) Naphthalene	13.74	128	49495	4.083	ug/L		99
70) 1,2,3-Trichlorobenzene	13.98	180	37861	4.814	ug/L		97

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

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