Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050819\
Data File : VU031860.D
Acq On : 09 May 2019 08:11
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00525

Quant Time: May 09 08:42:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 09 06:57:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	421444	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	431971	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	187541	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	127448	4.44	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.80%			
7) Chloroethane-d5	1.68	69	115035	4.86	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.20%			
11) 1,1-Dichloroethene-d2	2.27	63	274422	4.44	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.80%			
20) 2-Butanone-d5	4.20	46	561663	50.08	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.16%			
24) Chloroform-d	4.64	84	278736	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
26) 1,2-Dichloroethane-d4	5.31	65	151839	4.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.00%			
32) Benzene-d6	5.33	84	505035	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.40%			
36) 1,2-Dichloropropane-d6	6.33	67	179616	4.42	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.40%			
41) Toluene-d8	7.56	98	425425	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.00%			
43) trans-1,3-Dichloropropene-	7.85	79	59511	4.18	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.60%			
46) 2-Hexanone-d5	8.31	63	379015	52.59	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.18%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	155277	4.91	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.20%			
64) 1,2-Dichlorobenzene-d4	11.85	152	149226	4.81	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	199851	4.119	ug/L	99
3) Chloromethane	1.32	50	253287	4.380	ug/L	99
5) Vinyl chloride	1.40	62	238690	4.722	ug/L	100
6) Bromomethane	1.63	94	118842	5.122	ug/L	99
8) Chloroethane	1.70	64	148766	5.344	ug/L	97
9) Trichlorofluoromethane	1.88	101	270947	4.635	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	150539	4.948	ug/L	94
12) 1,1-Dichloroethene	2.28	96	148392	5.180	ug/L	90
13) Acetone	2.34	43	372742	48.666	ug/L	93
14) Carbon disulfide	2.47	76	486789	4.827	ug/L	98
15) Methyl Acetate	2.62	43	98434	4.981	ug/L	95
16) Methylene chloride	2.69	84	181451	4.565	ug/L	93
17) Methyl tert-butyl Ether	3.00	73	433797	5.083	ug/L	95
18) trans-1,2-Dichloroethene	2.97	96	155999	5.052	ug/L	88
19) 1,1-Dichloroethane	3.44	63	360482	4.747	ug/L	98
21) 2-Butanone	4.29	43	618364	48.313	ug/L	95
22) cis-1,2-Dichloroethene	4.22	96	179832	4.849	ug/L	89

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Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00525

Quant Time: May 09 08:42:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 09 06:57:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.54	128	75837	5.096 ug/L		90
25) Chloroform	4.67	83	332882	4.454 ug/L		99
27) 1,2-Dichloroethane	5.40	62	217508	4.410 ug/L	#	94
29) 1,1,1-Trichloroethane	4.91	97	264369	4.465 ug/L		99
30) Cyclohexane	4.98	56	298284	4.601 ug/L		99
31) Carbon tetrachloride	5.13	117	228457	4.532 ug/L		99
33) Benzene	5.38	78	736683	4.891 ug/L		100
34) Trichloroethene	6.18	95	175997	4.634 ug/L		95
35) Methylcyclohexane	6.41	83	246630	4.522 ug/L		95
37) 1,2-Dichloropropane	6.43	63	204611	4.747 ug/L		99
38) Bromodichloromethane	6.75	83	237744	4.631 ug/L		97
39) cis-1,3-Dichloropropene	7.27	75	233165	4.317 ug/L		98
40) 4-Methyl-2-pentanone	7.46	43	1440308	49.650 ug/L		97
42) Toluene	7.63	91	748637	5.034 ug/L		95
44) trans-1,3-Dichloropropene	7.88	75	185844	4.344 ug/L		100
45) 1,1,2-Trichloroethane	8.06	97	129666	5.077 ug/L		97
47) Tetrachloroethene	8.22	164	118712	4.808 ug/L		99
48) 2-Hexanone	8.36	43	1063921	51.601 ug/L		98
49) Dibromochloromethane	8.47	129	143764	4.840 ug/L		100
50) 1,2-Dibromoethane	8.58	107	118832	5.113 ug/L	#	92
51) Chlorobenzene	9.12	112	431731	4.884 ug/L		97
52) Ethylbenzene	9.25	91	754210	4.861 ug/L		97
53) m,p-Xylene	9.37	106	274659	4.974 ug/L		100
54) o-Xylene	9.77	106	273718	5.183 ug/L		97
55) Styrene	9.79	104	482690	5.326 ug/L		97
56) Isopropylbenzene	10.16	105	706066	4.994 ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.45	83	173280	5.080 ug/L	#	97
59) 1,2,3-Trichloropropane	10.49	75	124114	4.864 ug/L		99
61) Bromoform	9.95	173	77542	5.168 ug/L		96
62) 1,3-Dichlorobenzene	11.41	146	300124	5.039 ug/L		98
63) 1,4-Dichlorobenzene	11.50	146	303785	5.029 ug/L		99
65) 1,2-Dichlorobenzene	11.87	146	303582	5.225 ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.66	75	25929	4.747 ug/L	#	70
67) 1,3,5-Trichlorobenzene	12.88	180	216602	4.787 ug/L		98
68) 1,2,4-trichlorobenzene	13.50	180	173109	5.179 ug/L		97
69) Naphthalene	13.74	128	308393	5.379 ug/L		99
70) 1,2,3-Trichlorobenzene	13.98	180	175795	5.650 ug/L		99

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

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