Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021619\
Data File : VU029499.D
Acq On : 15 Feb 2019 16:06
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00558

Quant Time: Feb 16 00:13:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 15 01:55:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	201217	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	199706	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	112159	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	62034	4.59	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.80%			
7) Chloroethane-d5	1.68	69	55931	4.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.60%			
11) 1,1-Dichloroethene-d2	2.27	63	144370	4.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.20%			
20) 2-Butanone-d5	4.19	46	136389	48.52	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.04%			
24) Chloroform-d	4.64	84	105068	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.80%			
26) 1,2-Dichloroethane-d4	5.31	65	56158	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.00%			
32) Benzene-d6	5.34	84	228608	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
36) 1,2-Dichloropropane-d6	6.33	67	66899	4.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.20%			
41) Toluene-d8	7.56	98	234224	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.80%			
43) trans-1,3-Dichloropropene-	7.85	79	29950	4.73	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.60%			
46) 2-Hexanone-d5	8.31	63	149449	51.21	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.42%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	62900	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	105562	5.10	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	88529	5.024	ug/L	100
3) Chloromethane	1.32	50	73007	4.390	ug/L	100
5) Vinyl chloride	1.40	62	95387	4.922	ug/L	98
6) Bromomethane	1.63	94	48176	4.262	ug/L	99
8) Chloroethane	1.70	64	61903	4.906	ug/L	98
9) Trichlorofluoromethane	1.88	101	154609	5.212	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	92163	5.271	ug/L	99
12) 1,1-Dichloroethene	2.28	96	83837	5.063	ug/L	98
13) Acetone	2.32	43	136784	53.565	ug/L	99
14) Carbon disulfide	2.48	76	269272	4.935	ug/L	99
15) Methyl Acetate	2.62	43	35258	5.390	ug/L	95
16) Methylene chloride	2.70	84	101292	5.443	ug/L	96
17) Methyl tert-butyl Ether	3.00	73	217624	5.249	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	92794	5.255	ug/L	96
19) 1,1-Dichloroethane	3.44	63	133498	5.018	ug/L	97
21) 2-Butanone	4.28	43	162691	51.559	ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	81516	5.019	ug/L	99

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Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00558

Quant Time: Feb 16 00:13:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 15 01:55:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.55	128	38233	5.214 ug/L	96
25) Chloroform	4.67	83	135256	5.082 ug/L	97
27) 1,2-Dichloroethane	5.40	62	79632	5.171 ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	117438	4.754 ug/L	99
30) Cyclohexane	4.99	56	110371	4.663 ug/L	99
31) Carbon tetrachloride	5.13	117	104499	4.682 ug/L	98
33) Benzene	5.39	78	283892	4.830 ug/L	100
34) Trichloroethene	6.18	95	80780	4.888 ug/L	97
35) Methylcyclohexane	6.41	83	132430	4.763 ug/L	98
37) 1,2-Dichloropropane	6.43	63	72432	4.920 ug/L	100
38) Bromodichloromethane	6.76	83	93694	4.816 ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	112083	4.837 ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	435810	51.350 ug/L	98
42) Toluene	7.63	91	331408	5.023 ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	93419	4.909 ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	58337	5.173 ug/L	96
47) Tetrachloroethene	8.22	164	78721	5.200 ug/L	98
48) 2-Hexanone	8.36	43	312978	50.598 ug/L	100
49) Dibromochloromethane	8.48	129	75616	4.975 ug/L	98
50) 1,2-Dibromoethane	8.58	107	58497	5.241 ug/L	96
51) Chlorobenzene	9.12	112	231689	5.106 ug/L	99
52) Ethylbenzene	9.25	91	379604	5.081 ug/L	99
53) m,p-xylene	9.37	106	153219	5.143 ug/L	99
54) o-xylene	9.78	106	150997	5.164 ug/L	97
55) Styrene	9.79	104	248110	5.111 ug/L	99
56) Isopropylbenzene	10.16	105	399850	5.184 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	73345	5.329 ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	50300	5.326 ug/L	95
61) Bromoform	9.95	173	45807	4.825 ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	201993	5.084 ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	202698	5.108 ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	193727	5.174 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	11797	5.037 ug/L	96
67) 1,3,5-Trichlorobenzene	12.88	180	163878	4.971 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	139620	5.028 ug/L	100
69) Naphthalene	13.74	128	243520	5.078 ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	131574	4.956 ug/L	98

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

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