Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041919\
Data File : VU031302.D
Acq On : 18 Apr 2019 13:08
Operator : JC/SP
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV08

Quant Time: Apr 19 04:29:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 19 04:26:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	222451	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	214985	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	97765	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	120375	4.80	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.00%			
7) Chloroethane-d5	1.68	69	93598	4.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.80%			
11) 1,1-Dichloroethene-d2	2.27	63	233504	4.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.00%			
20) 2-Butanone-d5	4.21	46	229182	47.80	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.60%			
24) Chloroform-d	4.64	84	149352	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
26) 1,2-Dichloroethane-d4	5.31	65	77793	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.80%			
32) Benzene-d6	5.33	84	285816	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
36) 1,2-Dichloropropane-d6	6.33	67	89275	4.74	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.80%			
41) Toluene-d8	7.56	98	258949	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
43) trans-1,3-Dichloropropene-	7.85	79	37140	4.93	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.60%			
46) 2-Hexanone-d5	8.31	63	172838	49.57	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.14%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	75814	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.00%			
64) 1,2-Dichlorobenzene-d4	11.85	152	89815	4.71	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	111616	4.362	ug/L	98
3) Chloromethane	1.32	50	162099	4.681	ug/L	100
5) Vinyl chloride	1.40	62	170306	4.828	ug/L	99
6) Bromomethane	1.63	94	92948	4.754	ug/L	98
8) Chloroethane	1.70	64	96237	4.783	ug/L	100
9) Trichlorofluoromethane	1.88	101	205103	4.623	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	115988	4.838	ug/L	96
12) 1,1-Dichloroethene	2.28	96	111416	4.667	ug/L	95
13) Acetone	2.35	43	239001	44.807	ug/L	100
14) Carbon disulfide	2.47	76	375986	4.716	ug/L	99
15) Methyl Acetate	2.62	43	67282	4.615	ug/L	99
16) Methylene chloride	2.70	84	123692	4.266	ug/L	99
17) Methyl tert-butyl Ether	3.00	73	302740	4.733	ug/L	99
18) trans-1,2-Dichloroethene	2.97	96	120255	4.774	ug/L	98
19) 1,1-Dichloroethane	3.44	63	158970	4.523	ug/L	96
21) 2-Butanone	4.29	43	251812	45.934	ug/L	96
22) cis-1,2-Dichloroethene	4.22	96	88669	4.553	ug/L	83

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV08

Quant Time: Apr 19 04:29:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 19 04:26:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	41006	4.725	ug/L	97
25) Chloroform	4.67	83	158714	4.584	ug/L	97
27) 1,2-Dichloroethane	5.40	62	99287	4.447	ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	136517	4.703	ug/L	98
30) Cyclohexane	4.99	56	137263	4.641	ug/L	99
31) Carbon tetrachloride	5.13	117	120587	4.651	ug/L	95
33) Benzene	5.39	78	332497	4.557	ug/L	100
34) Trichloroethene	6.18	95	89875	4.557	ug/L	98
35) Methylcyclohexane	6.41	83	125903	4.635	ug/L	99
37) 1,2-Dichloropropane	6.43	63	87625	4.555	ug/L	98
38) Bromodichloromethane	6.76	83	115765	4.823	ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	125099	4.872	ug/L	94
40) 4-Methyl-2-pentanone	7.46	43	585047	47.363	ug/L	99
42) Toluene	7.63	91	356691	4.848	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	98344	4.632	ug/L	96
45) 1,1,2-Trichloroethane	8.06	97	62316	4.547	ug/L	96
47) Tetrachloroethene	8.22	164	70035	4.765	ug/L	98
48) 2-Hexanone	8.36	43	421637	48.095	ug/L	99
49) Dibromochloromethane	8.47	129	77895	4.750	ug/L	97
50) 1,2-Dibromoethane	8.58	107	59559	4.588	ug/L	93
51) Chlorobenzene	9.12	112	215361	4.675	ug/L	98
52) Ethylbenzene	9.25	91	362988	4.776	ug/L	97
53) m,p-Xylene	9.37	106	133682	4.896	ug/L	100
54) o-Xylene	9.78	106	131230	4.877	ug/L	98
55) Styrene	9.79	104	224093	5.014	ug/L	100
56) Isopropylbenzene	10.16	105	345988	4.898	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	80304	4.583	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	56340	4.488	ug/L	97
61) Bromoform	9.95	173	44363	4.720	ug/L	95
62) 1,3-Dichlorobenzene	11.41	146	155505	4.837	ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	158340	4.888	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	155440	4.750	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	12880	4.835	ug/L	87
67) 1,3,5-Trichlorobenzene	12.88	180	125189	4.740	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	98769	5.186	ug/L	100
69) Naphthalene	13.74	128	167761	4.487	ug/L	98
70) 1,2,3-Trichlorobenzene	13.98	180	98509	4.993	ug/L	96

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

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