Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101719\
Data File : VU035210.D
Acq On : 17 Oct 2019 14:09
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00523

Quant Time: Oct 18 03:06:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 02:50:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	386647	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	367523	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	179576	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	124077	5.26	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 105.20%			
7) Chloroethane-d5	1.93	69	114708	5.32	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.40%			
11) 1,1-Dichloroethene-d2	2.60	63	233180	5.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 107.00%			
20) 2-Butanone-d5	4.72	46	359891	53.12	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.24%			
24) Chloroform-d	5.11	84	230367	5.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.00%			
26) 1,2-Dichloroethane-d4	5.75	65	126516	5.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.00%			
32) Benzene-d6	5.77	84	447521	5.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.40%			
36) 1,2-Dichloropropane-d6	6.74	67	143742	5.39	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.80%			
41) Toluene-d8	7.93	98	427255	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.20%			
43) trans-1,3-Dichloropropene-	8.22	79	68734	5.31	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 106.20%			
46) 2-Hexanone-d5	8.69	63	310585	54.38	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.76%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	129931	5.46	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	167967	5.14	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	157828	4.796	ug/L	98
3) Chloromethane	1.53	50	154468	4.732	ug/L	100
5) Vinyl chloride	1.62	62	161816	4.827	ug/L	99
6) Bromomethane	1.88	94	95046	4.802	ug/L	98
8) Chloroethane	1.95	64	103884	4.806	ug/L	100
9) Trichlorofluoromethane	2.16	101	216565	4.839	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	124991	4.847	ug/L	98
12) 1,1-Dichloroethene	2.61	96	119094	4.795	ug/L	96
13) Acetone	2.69	43	229304	48.656	ug/L	98
14) Carbon disulfide	2.82	76	383918	4.888	ug/L	100
15) Methyl Acetate	3.01	43	50303	4.284	ug/L	96
16) Methylene chloride	3.08	84	132124	4.421	ug/L	98
17) Methyl tert-butyl Ether	3.43	73	326339	4.881	ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	128469	4.792	ug/L	98
19) 1,1-Dichloroethane	3.92	63	238255	4.915	ug/L	99
21) 2-Butanone	4.80	43	365072	47.528	ug/L	100
22) cis-1,2-Dichloroethene	4.72	96	142804	4.820	ug/L	99

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00523

Quant Time: Oct 18 03:06:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 02:50:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.03	128	63204	4.955 ug/L	97
25) Chloroform	5.14	83	249068	4.682 ug/L	98
27) 1,2-Dichloroethane	5.84	62	156665	4.803 ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	210814	4.897 ug/L	98
30) Cyclohexane	5.43	56	221302	4.800 ug/L	99
31) Carbon tetrachloride	5.57	117	187337	4.833 ug/L	99
33) Benzene	5.82	78	526395	4.868 ug/L	100
34) Trichloroethene	6.58	95	141679	4.873 ug/L	96
35) Methylcyclohexane	6.80	83	232063	4.776 ug/L	99
37) 1,2-Dichloropropane	6.84	63	134441	4.898 ug/L	99
38) Bromodichloromethane	7.15	83	178373	4.823 ug/L	100
39) cis-1,3-Dichloropropene	7.65	75	220796	4.805 ug/L	100
40) 4-Methyl-2-pentanone	7.85	43	899192	48.522 ug/L	99
42) Toluene	8.01	91	577870	4.841 ug/L	99
44) trans-1,3-Dichloropropene	8.25	75	183574	4.889 ug/L	99
45) 1,1,2-Trichloroethane	8.44	97	99646	4.889 ug/L	99
47) Tetrachloroethene	8.58	164	113020	4.666 ug/L	99
48) 2-Hexanone	8.74	43	634691	48.836 ug/L	99
49) Dibromochloromethane	8.84	129	127495	4.934 ug/L	97
50) 1,2-Dibromoethane	8.96	107	99162	4.867 ug/L	100
51) Chlorobenzene	9.48	112	377536	4.899 ug/L	99
52) Ethylbenzene	9.60	91	654895	4.825 ug/L	100
53) m,p-Xylene	9.73	106	253041	4.937 ug/L	98
54) o-Xylene	10.13	106	241604	4.830 ug/L	99
55) Styrene	10.14	104	405202	4.975 ug/L	99
56) Isopropylbenzene	10.51	105	651134	4.839 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	131612	5.018 ug/L	97
59) 1,2,3-Trichloropropane	10.85	75	94820	4.958 ug/L	98
61) Bromoform	10.32	173	78843	4.740 ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	295303	4.819 ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	291525	4.839 ug/L	100
65) 1,2-Dichlorobenzene	12.24	146	279066	4.848 ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.03	75	19425	4.777 ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	193558	5.097 ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	136670	5.406 ug/L	99
69) Naphthalene	14.11	128	185061	5.333 ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	130470	5.519 ug/L	99

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

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