Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041819\
Data File : VU031271.D
Acq On : 17 Apr 2019 21:04
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00540

Quant Time: Apr 18 08:45:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 18 08:39:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	296545	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	283197	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	130495	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	141601	5.79	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 115.80%			
7) Chloroethane-d5	1.68	69	112573	5.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 111.00%			
11) 1,1-Dichloroethene-d2	2.27	63	270232	5.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 107.20%			
20) 2-Butanone-d5	4.21	46	293552	51.84	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.68%			
24) Chloroform-d	4.64	84	178768	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
26) 1,2-Dichloroethane-d4	5.31	65	92789	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.20%			
32) Benzene-d6	5.33	84	370161	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.20%			
36) 1,2-Dichloropropane-d6	6.33	67	116806	4.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.40%			
41) Toluene-d8	7.56	98	336197	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.20%			
43) trans-1,3-Dichloropropene-	7.85	79	46902	4.81	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.20%			
46) 2-Hexanone-d5	8.31	63	239387	49.99	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.98%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	93210	4.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	119065	4.87	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	132443	5.380	ug/L	98
3) Chloromethane	1.32	50	178337	5.877	ug/L	99
5) Vinyl chloride	1.40	62	186032	6.119	ug/L	100
6) Bromomethane	1.63	94	106203	5.705	ug/L	98
8) Chloroethane	1.70	64	108500	5.679	ug/L	99
9) Trichlorofluoromethane	1.88	101	222670	5.549	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	129050	5.530	ug/L	100
12) 1,1-Dichloroethene	2.28	96	127246	5.556	ug/L	93
13) Acetone	2.35	43	252473	54.637	ug/L	99
14) Carbon disulfide	2.47	76	430086	5.463	ug/L	99
15) Methyl Acetate	2.62	43	72817	5.475	ug/L	100
16) Methylene chloride	2.69	84	142908	4.994	ug/L	97
17) Methyl tert-butyl Ether	3.00	73	349160	5.548	ug/L	100
18) trans-1,2-Dichloroethene	2.97	96	139058	5.594	ug/L	98
19) 1,1-Dichloroethane	3.44	63	194815	5.223	ug/L	98
21) 2-Butanone	4.29	43	318167	52.705	ug/L	100
22) cis-1,2-Dichloroethene	4.22	96	117185	5.438	ug/L	96

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Acq On : 17 Apr 2019 21:04
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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00540

Quant Time: Apr 18 08:45:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 18 08:39:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.54	128	49485	5.123	ug/L		95
25) Chloroform	4.67	83	187436	5.213	ug/L		97
27) 1,2-Dichloroethane	5.40	62	116816	5.077	ug/L		99
29) 1,1,1-Trichloroethane	4.91	97	159736	5.118	ug/L		97
30) Cyclohexane	4.98	56	186938	5.030	ug/L		99
31) Carbon tetrachloride	5.13	117	138703	5.059	ug/L		99
33) Benzene	5.38	78	436163	5.173	ug/L		100
34) Trichloroethene	6.18	95	111004	4.779	ug/L		98
35) Methylcyclohexane	6.41	83	167916	4.893	ug/L		99
37) 1,2-Dichloropropane	6.43	63	111007	5.018	ug/L		99
38) Bromodichloromethane	6.75	83	132462	5.031	ug/L		97
39) cis-1,3-Dichloropropene	7.27	75	159353	5.105	ug/L		99
40) 4-Methyl-2-pentanone	7.46	43	749823	51.279	ug/L		99
42) Toluene	7.63	91	453355	4.989	ug/L		97
44) trans-1,3-Dichloropropene	7.88	75	125805	5.148	ug/L		96
45) 1,1,2-Trichloroethane	8.06	97	78001	5.061	ug/L		97
47) Tetrachloroethene	8.22	164	86687	4.942	ug/L		95
48) 2-Hexanone	8.36	43	528695	52.124	ug/L		99
49) Dibromochloromethane	8.47	129	89783	4.947	ug/L		97
50) 1,2-Dibromoethane	8.59	107	75468	5.100	ug/L	#	99
51) Chlorobenzene	9.12	112	276794	4.970	ug/L		99
52) Ethylbenzene	9.25	91	480013	5.006	ug/L		100
53) m,p-Xylene	9.37	106	175734	4.868	ug/L		95
54) o-Xylene	9.77	106	173429	4.920	ug/L		100
55) Styrene	9.79	104	300759	5.108	ug/L		97
56) Isopropylbenzene	10.16	105	469632	5.090	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.45	83	97150	5.024	ug/L		99
59) 1,2,3-Trichloropropane	10.49	75	69168	5.088	ug/L		98
61) Bromoform	9.95	173	53256	5.169	ug/L		96
62) 1,3-Dichlorobenzene	11.41	146	203988	5.117	ug/L		100
63) 1,4-Dichlorobenzene	11.50	146	209159	5.196	ug/L		99
65) 1,2-Dichlorobenzene	11.87	146	204523	5.272	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.65	75	15244	5.285	ug/L		96
67) 1,3,5-Trichlorobenzene	12.88	180	160560	5.004	ug/L		99
68) 1,2,4-trichlorobenzene	13.50	180	136583	5.162	ug/L		99
69) Naphthalene	13.74	128	281482	3.503	ug/L		99
70) 1,2,3-Trichlorobenzene	13.98	180	137761	5.350	ug/L		100

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

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