Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062119\
Data File : VU032929.D
Acq On : 21 Jun 2019 08:49
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00504

Quant Time: Jun 21 23:23:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 21 07:36:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	91467	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	91550	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	49090	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	22264	3.74	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.80%			
7) Chloroethane-d5	1.68	69	19580	3.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 77.00%			
11) 1,1-Dichloroethene-d2	2.27	63	53359	4.42	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.40%			
20) 2-Butanone-d5	4.18	46	92869	55.96	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.92%			
24) Chloroform-d	4.64	84	54695	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.60%			
26) 1,2-Dichloroethane-d4	5.30	65	31454	5.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 113.00%			
32) Benzene-d6	5.33	84	94320	4.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.80%			
36) 1,2-Dichloropropane-d6	6.32	67	32204	4.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.80%			
41) Toluene-d8	7.56	98	87642	4.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.20%			
43) trans-1,3-Dichloropropene-	7.85	79	13102	4.37	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.40%			
46) 2-Hexanone-d5	8.31	63	66416	44.22	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.44%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	29935	5.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.20%			
64) 1,2-Dichlorobenzene-d4	11.85	152	37771	4.28	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	44421	5.660	ug/L	99
3) Chloromethane	1.32	50	40937	5.029	ug/L	99
5) Vinyl chloride	1.40	62	40892	5.111	ug/L	99
6) Bromomethane	1.62	94	30837	6.319	ug/L	99
8) Chloroethane	1.69	64	24876	4.867	ug/L	98
9) Trichlorofluoromethane	1.88	101	62042	5.419	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	32104	5.274	ug/L	98
12) 1,1-Dichloroethene	2.28	96	28288	4.868	ug/L	96
13) Acetone	2.32	43	73145	56.783	ug/L	95
14) Carbon disulfide	2.47	76	90638	4.870	ug/L	99
15) Methyl Acetate	2.61	43	17575	4.973	ug/L	99
16) Methylene chloride	2.69	84	32947	5.112	ug/L	95
17) Methyl tert-butyl Ether	3.00	73	85459	5.028	ug/L	98
18) trans-1,2-Dichloroethene	2.97	96	31737	5.062	ug/L	92
19) 1,1-Dichloroethane	3.43	63	64318	5.731	ug/L	97
21) 2-Butanone	4.27	43	111280	59.397	ug/L	96
22) cis-1,2-Dichloroethene	4.21	96	34601	4.876	ug/L	87

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Acq On : 21 Jun 2019 08:49
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00504

Quant Time: Jun 21 23:23:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 21 07:36:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.54	128	16601	5.435 ug/L	94
25) Chloroform	4.67	83	66051	5.761 ug/L	98
27) 1,2-Dichloroethane	5.40	62	44987	5.970 ug/L	95
29) 1,1,1-Trichloroethane	4.90	97	56903	5.101 ug/L	97
30) Cyclohexane	4.98	56	51138	4.337 ug/L	97
31) Carbon tetrachloride	5.12	117	51359	5.063 ug/L	98
33) Benzene	5.38	78	131807	4.883 ug/L	100
34) Trichloroethene	6.18	95	35988	4.635 ug/L	97
35) Methylcyclohexane	6.41	83	53659	4.297 ug/L	94
37) 1,2-Dichloropropane	6.43	63	36764	5.264 ug/L	99
38) Bromodichloromethane	6.75	83	47904	5.337 ug/L	99
39) cis-1,3-Dichloropropene	7.26	75	52678	4.913 ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	266091	53.541 ug/L	95
42) Toluene	7.63	91	145626	4.841 ug/L	98
44) trans-1,3-Dichloropropene	7.87	75	44683	5.220 ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	25966	5.110 ug/L	97
47) Tetrachloroethene	8.22	164	29761	4.871 ug/L	96
48) 2-Hexanone	8.36	43	194805	54.850 ug/L	94
49) Dibromochloromethane	8.47	129	32589	5.014 ug/L	96
50) 1,2-Dibromoethane	8.58	107	25342	5.005 ug/L	98
51) Chlorobenzene	9.11	112	92970	4.929 ug/L	99
52) Ethylbenzene	9.24	91	158932	4.794 ug/L	98
53) m,p-Xylene	9.37	106	59085	4.701 ug/L	99
54) o-Xylene	9.77	106	57062	4.549 ug/L	95
55) Styrene	9.79	104	100869	4.888 ug/L	99
56) Isopropylbenzene	10.16	105	155470	4.699 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.45	83	34744	5.347 ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	25061	5.465 ug/L	100
61) Bromoform	9.95	173	19071	4.835 ug/L	97
62) 1,3-Dichlorobenzene	11.41	146	76512	4.774 ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	80659	4.951 ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	75212	4.857 ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	5703	5.246 ug/L	89
67) 1,3,5-Trichlorobenzene	12.88	180	63237	4.924 ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	51065	4.931 ug/L	97
69) Naphthalene	13.74	128	79224	4.364 ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	48503	4.703 ug/L	96

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

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