Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010419\
Data File : VU029015.D
Acq On : 04 Jan 2019 09:37
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00551

Quant Time: Jan 04 22:14:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 03 03:47:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	98591	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	93049	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	43839	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	32006	6.07	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 121.40%			
7) Chloroethane-d5	1.68	69	26416	5.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 114.80%			
11) 1,1-Dichloroethene-d2	2.27	63	58982	5.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 105.60%			
20) 2-Butanone-d5	4.20	46	79617	57.74	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.48%			
24) Chloroform-d	4.65	84	57413	5.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.00%			
26) 1,2-Dichloroethane-d4	5.31	65	27991	5.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.00%			
32) Benzene-d6	5.34	84	120218	5.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.60%			
36) 1,2-Dichloropropane-d6	6.33	67	40106	5.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 115.40%			
41) Toluene-d8	7.56	98	111705	5.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 111.00%			
43) trans-1,3-Dichloropropene-	7.85	79	15232	5.83	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 116.60%			
46) 2-Hexanone-d5	8.31	63	73754	61.87	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 123.74%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	30650	5.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	38954	5.31	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	43285	5.013	ug/L	100
3) Chloromethane	1.32	50	49124	5.098	ug/L	99
5) Vinyl chloride	1.40	62	50507	5.130	ug/L	97
6) Bromomethane	1.63	94	22173	4.865	ug/L	100
8) Chloroethane	1.70	64	28350	5.046	ug/L	99
9) Trichlorofluoromethane	1.88	101	52479	4.662	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	33401	4.598	ug/L	98
12) 1,1-Dichloroethene	2.28	96	31792	4.501	ug/L	87
13) Acetone	2.34	43	53368	47.945	ug/L	99
14) Carbon disulfide	2.48	76	118236	4.790	ug/L	99
15) Methyl Acetate	2.62	43	16186	4.963	ug/L	94
16) Methylene chloride	2.70	84	37116	3.670	ug/L	97
17) Methyl tert-butyl Ether	3.00	73	83103	4.791	ug/L	97
18) trans-1,2-Dichloroethene	2.98	96	34961	4.508	ug/L	95
19) 1,1-Dichloroethane	3.44	63	66103	5.020	ug/L	99
21) 2-Butanone	4.29	43	94536	56.767	ug/L	95
22) cis-1,2-Dichloroethene	4.22	96	39527	4.926	ug/L	99

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Acq On : 04 Jan 2019 09:37
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00551

Quant Time: Jan 04 22:14:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 03 03:47:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.55	128	16553	5.084 ug/L	96
25) Chloroform	4.67	83	62755	5.016 ug/L	98
27) 1,2-Dichloroethane	5.40	62	38067	5.144 ug/L	100
29) 1,1,1-Trichloroethane	4.91	97	51926	5.081 ug/L	98
30) Cyclohexane	4.99	56	60893	4.973 ug/L	97
31) Carbon tetrachloride	5.13	117	41689	5.123 ug/L	99
33) Benzene	5.39	78	150322	5.052 ug/L	100
34) Trichloroethene	6.18	95	37329	4.907 ug/L	97
35) Methylcyclohexane	6.41	83	62663	4.795 ug/L	97
37) 1,2-Dichloropropane	6.43	63	40237	5.308 ug/L	100
38) Bromodichloromethane	6.76	83	44245	5.185 ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	55220	5.081 ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	224833	55.743 ug/L	98
42) Toluene	7.63	91	155998	4.898 ug/L	97
44) trans-1,3-Dichloropropene	7.88	75	44881	5.299 ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	26571	5.151 ug/L	95
47) Tetrachloroethene	8.22	164	30357	4.818 ug/L	98
48) 2-Hexanone	8.36	43	162819	58.358 ug/L	97
49) Dibromochloromethane	8.48	129	28935	5.283 ug/L	94
50) 1,2-Dibromoethane	8.58	107	24628	5.104 ug/L	92
51) Chlorobenzene	9.12	112	98462	4.929 ug/L	96
52) Ethylbenzene	9.25	91	164217	4.860 ug/L	98
53) m,p-xylene	9.37	106	63316	4.924 ug/L	97
54) o-xylene	9.78	106	60996	4.887 ug/L	100
55) Styrene	9.79	104	104360	5.024 ug/L	100
56) Isopropylbenzene	10.16	105	158600	4.818 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	34909	5.528 ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	23651	5.352 ug/L	99
61) Bromoform	9.96	173	17207	5.753 ug/L	97
62) 1,3-Dichlorobenzene	11.41	146	72599	4.899 ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	73484	4.859 ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	71039	5.066 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.66	75	5054	6.104 ug/L	87
67) 1,3,5-Trichlorobenzene	12.89	180	56869	4.959 ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	47131	4.932 ug/L	98
69) Naphthalene	13.74	128	89021	5.446 ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	46045	5.052 ug/L	99

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

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