Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122818\
Data File : VU028980.D
Acq On : 27 Dec 2018 22:14
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00550

Quant Time: Dec 28 03:13:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 28 03:05:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	113302	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	107365	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	51820	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	29668	4.89	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.80%			
7) Chloroethane-d5	1.68	69	26230	4.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.20%			
11) 1,1-Dichloroethene-d2	2.28	63	55190	4.30	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.00%			
20) 2-Butanone-d5	4.21	46	83314	52.57	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.14%			
24) Chloroform-d	4.65	84	58531	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
26) 1,2-Dichloroethane-d4	5.31	65	29015	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
32) Benzene-d6	5.34	84	118300	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
36) 1,2-Dichloropropane-d6	6.33	67	39775	4.96	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.20%			
41) Toluene-d8	7.56	98	110282	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.00%			
43) trans-1,3-Dichloropropene-	7.85	79	14285	4.74	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.80%			
46) 2-Hexanone-d5	8.31	63	69393	50.45	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.90%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31995	5.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	41703	4.81	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	45642	4.600	ug/L	99
3) Chloromethane	1.32	50	51975	4.694	ug/L	99
5) Vinyl chloride	1.40	62	54999	4.861	ug/L	97
6) Bromomethane	1.63	94	24031	4.588	ug/L	96
8) Chloroethane	1.70	64	31186	4.830	ug/L	98
9) Trichlorofluoromethane	1.89	101	59481	4.598	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	34368	4.116	ug/L	99
12) 1,1-Dichloroethene	2.29	96	34264	4.221	ug/L	96
13) Acetone	2.34	43	54980	42.980	ug/L	99
14) Carbon disulfide	2.48	76	132999	4.689	ug/L	98
15) Methyl Acetate	2.62	43	17066	4.553	ug/L	99
16) Methylene chloride	2.70	84	43945	3.781	ug/L	98
17) Methyl tert-butyl Ether	3.00	73	91968	4.614	ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	40120	4.502	ug/L	98
19) 1,1-Dichloroethane	3.44	63	71921	4.753	ug/L	98
21) 2-Butanone	4.29	43	95867	50.092	ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	42606	4.621	ug/L	97

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ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00550

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 28 03:05:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.55	128	18840	5.035 ug/L	99
25) Chloroform	4.67	83	68478	4.763 ug/L	99
27) 1,2-Dichloroethane	5.41	62	41157	4.839 ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	55369	4.696 ug/L	98
30) Cyclohexane	4.99	56	64301	4.551 ug/L	99
31) Carbon tetrachloride	5.13	117	43588	4.643 ug/L	97
33) Benzene	5.39	78	162219	4.725 ug/L	100
34) Trichloroethene	6.18	95	40837	4.652 ug/L	97
35) Methylcyclohexane	6.41	83	65304	4.331 ug/L	98
37) 1,2-Dichloropropane	6.43	63	42638	4.875 ug/L	100
38) Bromodichloromethane	6.76	83	47204	4.794 ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	58725	4.683 ug/L	100
40) 4-Methyl-2-pentanone	7.47	43	237071	50.940 ug/L	98
42) Toluene	7.64	91	171316	4.662 ug/L	96
44) trans-1,3-Dichloropropene	7.88	75	47145	4.824 ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	28683	4.819 ug/L	94
47) Tetrachloroethene	8.22	164	31739	4.366 ug/L	94
48) 2-Hexanone	8.37	43	165937	51.545 ug/L	97
49) Dibromochloromethane	8.48	129	30371	4.806 ug/L	100
50) 1,2-Dibromoethane	8.58	107	26685	4.793 ug/L	97
51) Chlorobenzene	9.12	112	106664	4.628 ug/L	95
52) Ethylbenzene	9.25	91	182972	4.693 ug/L	97
53) m,p-xylene	9.37	106	69981	4.717 ug/L	98
54) o-xylene	9.78	106	67499	4.687 ug/L	99
55) Styrene	9.79	104	113604	4.739 ug/L	100
56) Isopropylbenzene	10.16	105	175601	4.623 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	36112	4.956 ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	24612	4.827 ug/L	100
61) Bromoform	9.96	173	17387	4.918 ug/L	92
62) 1,3-Dichlorobenzene	11.41	146	82763	4.725 ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	83825	4.690 ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	79437	4.792 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.66	75	5044	5.154 ug/L	94
67) 1,3,5-Trichlorobenzene	12.89	180	64635	4.769 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	53743	4.758 ug/L	97
69) Naphthalene	13.74	128	92707	4.798 ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	51223	4.754 ug/L	99

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

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