Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111618\
Data File : VU028183.D
Acq On : 16 Nov 2018 13:29
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00511

Quant Time: Nov 16 23:57:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 16 00:43:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	150273	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	144414	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	70607	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	65586	5.26	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 105.20%			
7) Chloroethane-d5	1.68	69	51587	5.21	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.20%			
11) 1,1-Dichloroethene-d2	2.28	63	125267	5.38	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 107.60%			
20) 2-Butanone-d5	4.22	46	211800	58.56	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.12%			
24) Chloroform-d	4.65	84	111970	5.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 113.00%			
26) 1,2-Dichloroethane-d4	5.31	65	61648	5.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 111.40%			
32) Benzene-d6	5.34	84	222878	5.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.40%			
36) 1,2-Dichloropropane-d6	6.33	67	81986	5.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 110.60%			
41) Toluene-d8	7.57	98	203102	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.20%			
43) trans-1,3-Dichloropropene-	7.85	79	27096	5.12	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.40%			
46) 2-Hexanone-d5	8.31	63	164094	54.31	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.62%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	59656	5.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 113.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	67518	5.12	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.40%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	69487	5.242	ug/L	99
3) Chloromethane	1.33	50	86174	5.086	ug/L	99
5) Vinyl chloride	1.41	62	82062	5.098	ug/L	99
6) Bromomethane	1.63	94	43785	5.679	ug/L	96
8) Chloroethane	1.70	64	49013	5.058	ug/L	97
9) Trichlorofluoromethane	1.89	101	98743	5.624	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	54530	5.532	ug/L	95
12) 1,1-Dichloroethene	2.29	96	49518	4.956	ug/L	80
13) Acetone	2.36	43	148966	61.156	ug/L	100
14) Carbon disulfide	2.48	76	162847	4.861	ug/L	99
15) Methyl Acetate	2.63	43	36691	5.633	ug/L	97
16) Methylene chloride	2.70	84	70240	5.950	ug/L	92
17) Methyl tert-butyl Ether	3.01	73	150346	5.382	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	54442	5.125	ug/L	98
19) 1,1-Dichloroethane	3.45	63	124785	5.586	ug/L	97
21) 2-Butanone	4.30	43	237551	61.796	ug/L	99
22) cis-1,2-Dichloroethene	4.23	96	63202	5.396	ug/L	95

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00511

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	24952	5.391	ug/L	96
25) Chloroform	4.68	83	113657	5.672	ug/L	98
27) 1,2-Dichloroethane	5.41	62	77227	5.863	ug/L	99
29) 1,1,1-Trichloroethane	4.92	97	87640	5.362	ug/L	99
30) Cyclohexane	5.00	56	117771	5.138	ug/L	100
31) Carbon tetrachloride	5.13	117	72671	5.357	ug/L	99
33) Benzene	5.39	78	258886	5.321	ug/L	100
34) Trichloroethene	6.19	95	64842	5.393	ug/L	96
35) Methylcyclohexane	6.41	83	101964	4.933	ug/L	94
37) 1,2-Dichloropropane	6.43	63	75574	5.617	ug/L	100
38) Bromodichloromethane	6.76	83	76462	5.341	ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	96598	5.310	ug/L	97
40) 4-Methyl-2-pentanone	7.47	43	541480	58.444	ug/L	98
42) Toluene	7.64	91	267891	5.340	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	74167	5.203	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	44446	5.472	ug/L	95
47) Tetrachloroethene	8.23	164	45324	4.636	ug/L	97
48) 2-Hexanone	8.37	43	406840	61.714	ug/L	97
49) Dibromochloromethane	8.48	129	46763	5.408	ug/L	99
50) 1,2-Dibromoethane	8.59	107	41236	5.392	ug/L	97
51) Chlorobenzene	9.12	112	153536	5.234	ug/L	97
52) Ethylbenzene	9.25	91	292444	5.341	ug/L	100
53) m,p-xylene	9.38	106	105645	5.296	ug/L	96
54) o-xylene	9.78	106	101468	5.283	ug/L	100
55) Styrene	9.79	104	174840	5.383	ug/L	100
56) Isopropylbenzene	10.17	105	268456	5.168	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	60715	5.799	ug/L	95
59) 1,2,3-Trichloropropane	10.49	75	42800	5.664	ug/L	99
61) Bromoform	9.96	173	23749	4.974	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	117369	5.257	ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	118228	5.231	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	113119	5.298	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	8686	5.607	ug/L	86
67) 1,3,5-Trichlorobenzene	12.89	180	91651	5.351	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	80078	5.364	ug/L	99
69) Naphthalene	13.74	128	146797	5.277	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	73926	5.376	ug/L	98

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

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