Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028137.D
Acq On : 14 Nov 2018 22:09
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00507

Quant Time: Nov 15 04:31:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 15 04:25:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	136428	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	130140	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	62952	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	54552	4.82	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.40%			
7) Chloroethane-d5	1.68	69	43292	4.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.20%			
11) 1,1-Dichloroethene-d2	2.28	63	102950	4.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.40%			
20) 2-Butanone-d5	4.19	46	173801	52.93	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.86%			
24) Chloroform-d	4.65	84	90609	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
26) 1,2-Dichloroethane-d4	5.31	65	50409	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.40%			
32) Benzene-d6	5.34	84	186242	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.60%			
36) 1,2-Dichloropropane-d6	6.33	67	67306	5.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.80%			
41) Toluene-d8	7.57	98	169587	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.60%			
43) trans-1,3-Dichloropropene-	7.85	79	21294	4.47	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.40%			
46) 2-Hexanone-d5	8.31	63	136386	50.09	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.18%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	48155	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	57044	4.85	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	59922	4.979	ug/L	99
3) Chloromethane	1.33	50	75141	4.885	ug/L	100
5) Vinyl chloride	1.40	62	70603	4.832	ug/L	99
6) Bromomethane	1.63	94	33536	4.791	ug/L	96
8) Chloroethane	1.70	64	41077	4.669	ug/L	97
9) Trichlorofluoromethane	1.89	101	81488	5.112	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	43160	4.823	ug/L	96
12) 1,1-Dichloroethene	2.29	96	42308	4.664	ug/L	95
13) Acetone	2.32	43	100662	45.519	ug/L	96
14) Carbon disulfide	2.48	76	140782	4.628	ug/L	99
15) Methyl Acetate	2.62	43	28049	4.743	ug/L	100
16) Methylene chloride	2.70	84	49608	4.629	ug/L	92
17) Methyl tert-butyl Ether	3.01	73	120120	4.736	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	45644	4.733	ug/L	96
19) 1,1-Dichloroethane	3.45	63	100791	4.969	ug/L	97
21) 2-Butanone	4.28	43	178239	51.072	ug/L	98
22) cis-1,2-Dichloroethene	4.23	96	52887	4.974	ug/L	96

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Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00507

Quant Time: Nov 15 04:31:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 15 04:25:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.55	128	20569	4.895 ug/L	95
25) Chloroform	4.67	83	92760	5.099 ug/L	97
27) 1,2-Dichloroethane	5.41	62	62209	5.202 ug/L	98
29) 1,1,1-Trichloroethane	4.92	97	73632	4.999 ug/L	99
30) Cyclohexane	4.99	56	100855	4.883 ug/L	99
31) Carbon tetrachloride	5.13	117	61984	5.071 ug/L	99
33) Benzene	5.39	78	217845	4.969 ug/L	100
34) Trichloroethene	6.19	95	52826	4.875 ug/L	98
35) Methylcyclohexane	6.41	83	89751	4.818 ug/L	97
37) 1,2-Dichloropropane	6.44	63	60364	4.979 ug/L	100
38) Bromodichloromethane	6.76	83	62653	4.857 ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	79058	4.823 ug/L	96
40) 4-Methyl-2-pentanone	7.47	43	436467	52.277 ug/L	98
42) Toluene	7.64	91	224977	4.977 ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	58335	4.542 ug/L	96
45) 1,1,2-Trichloroethane	8.07	97	36580	4.997 ug/L	99
47) Tetrachloroethene	8.23	164	38391	4.358 ug/L	97
48) 2-Hexanone	8.37	43	315201	53.057 ug/L	98
49) Dibromochloromethane	8.48	129	37759	4.846 ug/L	96
50) 1,2-Dibromoethane	8.59	107	34363	4.986 ug/L	99
51) Chlorobenzene	9.12	112	128426	4.859 ug/L	95
52) Ethylbenzene	9.25	91	246025	4.986 ug/L	99
53) m,p-xylene	9.38	106	86622	4.819 ug/L	95
54) o-xylene	9.78	106	85280	4.927 ug/L	98
55) Styrene	9.79	104	146667	5.011 ug/L	98
56) Isopropylbenzene	10.17	105	228935	4.890 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	48807	5.173 ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	34135	5.013 ug/L	97
61) Bromoform	9.96	173	19654	4.617 ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	96545	4.850 ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	98504	4.889 ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	92459	4.857 ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	6886	4.986 ug/L #	82
67) 1,3,5-Trichlorobenzene	12.89	180	73463	4.811 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	62937	4.729 ug/L	97
69) Naphthalene	13.74	128	116152	4.683 ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	60301	4.918 ug/L	96

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

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