Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111718\
Data File : VU028224.D
Acq On : 17 Nov 2018 14:45
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00520

Quant Time: Nov 19 02:54:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 19 02:51:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	160637	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	151034	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	69611	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	56355	4.66	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.20%			
7) Chloroethane-d5	1.68	69	48537	4.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.00%			
11) 1,1-Dichloroethene-d2	2.28	63	112622	4.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.60%			
20) 2-Butanone-d5	4.20	46	197395	48.80	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.60%			
24) Chloroform-d	4.65	84	105282	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
26) 1,2-Dichloroethane-d4	5.31	65	60634	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.20%			
32) Benzene-d6	5.34	84	205336	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%			
36) 1,2-Dichloropropane-d6	6.33	67	76197	4.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.60%			
41) Toluene-d8	7.57	98	186906	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%			
43) trans-1,3-Dichloropropene-	7.85	79	24482	4.86	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.20%			
46) 2-Hexanone-d5	8.31	63	150404	49.73	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.46%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	53868	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	66221	5.11	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	60736	4.50	ug/L	100
3) Chloromethane	1.33	50	80382	4.68	ug/L	97
5) Vinyl chloride	1.40	62	75466	4.63	ug/L	96
6) Bromomethane	1.63	94	35243	4.79	ug/L	96
8) Chloroethane	1.70	64	45040	4.67	ug/L	97
9) Trichlorofluoromethane	1.89	101	88152	4.64	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	47369	4.53	ug/L	100
12) 1,1-Dichloroethene	2.29	96	45704	4.62	ug/L	92
13) Acetone	2.33	43	123526	44.40	ug/L	100
14) Carbon disulfide	2.48	76	147144	4.74	ug/L	99
15) Methyl Acetate	2.62	43	31486	4.27	ug/L	98
16) Methylene chloride	2.70	84	66085	5.30	ug/L	93
17) Methyl tert-butyl Ether	3.01	73	135594	4.56	ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	48533	4.61	ug/L	100
19) 1,1-Dichloroethane	3.45	63	114510	4.69	ug/L	99
21) 2-Butanone	4.29	43	205662	46.42	ug/L	98
22) cis-1,2-Dichloroethene	4.23	96	58721	4.72	ug/L	96

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ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00520

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.55	128	22381	4.59	ug/L		94
25) Chloroform	4.68	83	112507	4.26	ug/L		99
27) 1,2-Dichloroethane	5.41	62	69516	4.60	ug/L		99
29) 1,1,1-Trichloroethane	4.92	97	82314	4.83	ug/L		98
30) Cyclohexane	4.99	56	105521	4.74	ug/L		98
31) Carbon tetrachloride	5.13	117	68352	4.89	ug/L		99
33) Benzene	5.39	78	239021	4.80	ug/L		100
34) Trichloroethene	6.19	95	57841	4.74	ug/L		96
35) Methylcyclohexane	6.41	83	90666	4.72	ug/L		100
37) 1,2-Dichloropropane	6.43	63	69633	4.90	ug/L		99
38) Bromodichloromethane	6.76	83	71588	4.62	ug/L		96
39) cis-1,3-Dichloropropene	7.27	75	87005	4.83	ug/L		99
40) 4-Methyl-2-pentanone	7.47	43	491129	48.31	ug/L		100
42) Toluene	7.64	91	245684	4.86	ug/L		100
44) trans-1,3-Dichloropropene	7.88	75	67005	4.94	ug/L		99
45) 1,1,2-Trichloroethane	8.07	97	40496	4.71	ug/L		97
47) Tetrachloroethene	8.23	164	39961	4.72	ug/L		99
48) 2-Hexanone	8.37	43	356262	49.15	ug/L		99
49) Dibromochloromethane	8.48	129	42414	4.88	ug/L		97
50) 1,2-Dibromoethane	8.59	107	37973	4.89	ug/L		98
51) Chlorobenzene	9.12	112	141953	4.88	ug/L		99
52) Ethylbenzene	9.25	91	270322	4.97	ug/L		96
53) m,p-xylene	9.38	106	95872	5.08	ug/L		98
54) o-xylene	9.78	106	91684	4.87	ug/L		96
55) Styrene	9.79	104	159615	5.05	ug/L		100
56) Isopropylbenzene	10.17	105	244828	4.85	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.46	83	53978	4.89	ug/L		95
59) 1,2,3-Trichloropropane	10.49	75	39971	4.86	ug/L		97
61) Bromoform	9.96	173	22108	5.01	ug/L		99
62) 1,3-Dichlorobenzene	11.42	146	104665	4.94	ug/L		99
63) 1,4-Dichlorobenzene	11.51	146	107011	4.95	ug/L		98
65) 1,2-Dichlorobenzene	11.88	146	102625	4.94	ug/L		100
66) 1,2-Dibromo-3-chloropropan	12.66	75	7589	4.69	ug/L	#	89
67) 1,3,5-Trichlorobenzene	12.89	180	82734	5.11	ug/L		98
68) 1,2,4-trichlorobenzene	13.50	180	67741	5.00	ug/L		98
69) Naphthalene	13.74	128	125054	5.20	ug/L		100
70) 1,2,3-Trichlorobenzene	13.99	180	66709	5.20	ug/L		97

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

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