Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081718\
Data File : VU026186.D
Acq On : 17 Aug 2018 18:11
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00546

Quant Time: Aug 18 01:25:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 18 01:24:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	139229	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	134173	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	69974	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	37929	5.16	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.20%			
7) Chloroethane-d5	1.68	69	30453	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.80%			
11) 1,1-Dichloroethene-d2	2.28	63	78054	5.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.40%			
20) 2-Butanone-d5	4.20	46	110281	52.53	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.06%			
24) Chloroform-d	4.65	84	85278	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.60%			
26) 1,2-Dichloroethane-d4	5.31	65	47397	5.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.20%			
32) Benzene-d6	5.34	84	167151	5.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.40%			
36) 1,2-Dichloropropane-d6	6.34	67	52297	5.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.40%			
41) Toluene-d8	7.57	98	164433	5.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.20%			
43) trans-1,3-Dichloropropene-	7.85	79	22251	5.55	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 111.00%			
46) 2-Hexanone-d5	8.32	63	93477	55.93	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.86%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	42358	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	64816	5.29	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	62235	4.94	ug/L	100
3) Chloromethane	1.33	50	59020	4.98	ug/L	96
5) Vinyl chloride	1.41	62	57480	5.02	ug/L	100
6) Bromomethane	1.63	94	32445	5.18	ug/L	97
8) Chloroethane	1.70	64	31840	4.88	ug/L	100
9) Trichlorofluoromethane	1.89	101	82749	5.07	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	44057	5.02	ug/L	100
12) 1,1-Dichloroethene	2.29	96	41044	5.07	ug/L	96
13) Acetone	2.32	43	67434	48.50	ug/L	99
14) Carbon disulfide	2.48	76	138995	4.85	ug/L	100
15) Methyl Acetate	2.62	43	18526	4.94	ug/L	96
16) Methylene chloride	2.70	84	44130	4.60	ug/L	93
17) Methyl tert-butyl Ether	3.01	73	101518	5.11	ug/L	97
18) trans-1,2-Dichloroethene	2.98	96	45277	5.08	ug/L	95
19) 1,1-Dichloroethane	3.45	63	93370	5.58	ug/L	99
21) 2-Butanone	4.28	43	123802	50.73	ug/L	97
22) cis-1,2-Dichloroethene	4.23	96	55453	5.01	ug/L	96

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00546

Quant Time: Aug 18 01:25:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 18 01:24:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.55	128	25169	5.04	ug/L		97
25) Chloroform	4.68	83	106349	5.22	ug/L		99
27) 1,2-Dichloroethane	5.41	62	62257	5.14	ug/L		98
29) 1,1,1-Trichloroethane	4.91	97	88735	5.11	ug/L		98
30) Cyclohexane	5.00	56	75077	5.08	ug/L		98
31) Carbon tetrachloride	5.13	117	81651	5.16	ug/L		99
33) Benzene	5.39	78	202032	5.19	ug/L		100
34) Trichloroethene	6.19	95	53707	5.12	ug/L		98
35) Methylcyclohexane	6.42	83	80881	5.20	ug/L		97
37) 1,2-Dichloropropane	6.44	63	54323	5.18	ug/L	#	94
38) Bromodichloromethane	6.76	83	69523	5.24	ug/L		97
39) cis-1,3-Dichloropropene	7.27	75	73050	5.33	ug/L		98
40) 4-Methyl-2-pentanone	7.47	43	303418	53.91	ug/L		100
42) Toluene	7.64	91	218920	5.33	ug/L		100
44) trans-1,3-Dichloropropene	7.89	75	62268	5.27	ug/L		100
45) 1,1,2-Trichloroethane	8.07	97	37232	5.19	ug/L		94
47) Tetrachloroethene	8.23	164	47498	5.18	ug/L		97
48) 2-Hexanone	8.37	43	219433	55.86	ug/L		98
49) Dibromochloromethane	8.48	129	49684	5.28	ug/L		99
50) 1,2-Dibromoethane	8.59	107	35132	5.15	ug/L		98
51) Chlorobenzene	9.12	112	142915	5.18	ug/L		100
52) Ethylbenzene	9.25	91	228776	5.28	ug/L		98
53) m,p-xylene	9.38	106	90485	5.44	ug/L		99
54) o-xylene	9.78	106	86971	5.46	ug/L		98
55) Styrene	9.80	104	148684	5.48	ug/L		98
56) Isopropylbenzene	10.17	105	228291	5.42	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.46	83	44986	5.11	ug/L		97
59) 1,2,3-Trichloropropane	10.50	75	32573	5.15	ug/L		93
61) Bromoform	9.96	173	28382	5.30	ug/L		100
62) 1,3-Dichlorobenzene	11.42	146	112441	5.13	ug/L		98
63) 1,4-Dichlorobenzene	11.51	146	114657	4.96	ug/L		99
65) 1,2-Dichlorobenzene	11.88	146	110174	5.07	ug/L		100
66) 1,2-Dibromo-3-chloropropan	12.66	75	7639	5.11	ug/L		86
67) 1,3,5-Trichlorobenzene	12.89	180	90227	5.29	ug/L		99
68) 1,2,4-trichlorobenzene	13.51	180	69302	5.24	ug/L		99
69) Naphthalene	13.75	128	105635	5.36	ug/L		99
70) 1,2,3-Trichlorobenzene	13.99	180	67361	5.35	ug/L		97

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

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