Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081018\
Data File : VV006997.D
Acq On : 10 Aug 2018 21:49
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00585

Quant Time: Aug 11 00:22:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 11 00:19:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	254871	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	245510	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	113416	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	66762	4.06	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.20%			
7) Chloroethane-d5	1.58	69	60573	4.34	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.80%			
11) 1,1-Dichloroethene-d2	2.13	63	132580	4.29	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.80%			
20) 2-Butanone-d5	3.97	46	270286	57.13	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.26%			
24) Chloroform-d	4.41	84	168153	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.80%			
26) 1,2-Dichloroethane-d4	5.09	65	85893	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.00%			
32) Benzene-d6	5.10	84	299739	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
36) 1,2-Dichloropropane-d6	6.12	67	105928	4.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.20%			
41) Toluene-d8	7.36	98	267205	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.60%			
43) trans-1,3-Dichloropropene-	7.67	79	36507	4.87	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.40%			
46) 2-Hexanone-d5	8.15	63	170597	55.61	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.22%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	89006	5.30	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	94060	4.77	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	120090	4.84	ug/L	100
3) Chloromethane	1.25	50	110143	4.61	ug/L	98
5) Vinyl chloride	1.32	62	115876	4.69	ug/L	97
6) Bromomethane	1.54	94	22085	4.12	ug/L	95
8) Chloroethane	1.60	64	71055	4.74	ug/L	100
9) Trichlorofluoromethane	1.77	101	153022	4.87	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	90588	4.81	ug/L	99
12) 1,1-Dichloroethene	2.14	96	88170	4.82	ug/L	90
13) Acetone	2.21	43	135944	55.80	ug/L	99
14) Carbon disulfide	2.32	76	279490	4.63	ug/L	99
15) Methyl Acetate	2.47	43	34638	5.05	ug/L	97
16) Methylene chloride	2.54	84	98557	4.47	ug/L	97
17) Methyl tert-butyl Ether	2.82	73	224009	5.10	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	96092	4.90	ug/L	99
19) 1,1-Dichloroethane	3.23	63	167061	4.72	ug/L	97
21) 2-Butanone	4.06	43	298885	56.51	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	106602	4.79	ug/L	98

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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	4.30	128	47803	5.27	ug/L		93
25) Chloroform	4.43	83	196846	5.09	ug/L		99
27) 1,2-Dichloroethane	5.19	62	120717	5.00	ug/L		99
29) 1,1,1-Trichloroethane	4.66	97	161167	4.92	ug/L		99
30) Cyclohexane	4.73	56	155342	4.56	ug/L		99
31) Carbon tetrachloride	4.87	117	137655	5.01	ug/L		98
33) Benzene	5.15	78	434797	5.11	ug/L		100
34) Trichloroethene	5.96	95	101329	4.97	ug/L		92
35) Methylcyclohexane	6.18	83	153621	4.69	ug/L		99
37) 1,2-Dichloropropane	6.23	63	117271	5.04	ug/L		100
38) Bromodichloromethane	6.56	83	133032	5.03	ug/L		97
39) cis-1,3-Dichloropropene	7.08	75	137827	4.90	ug/L		99
40) 4-Methyl-2-pentanone	7.29	43	679858	54.06	ug/L		99
42) Toluene	7.44	91	435597	5.33	ug/L		99
44) trans-1,3-Dichloropropene	7.70	75	114794	4.97	ug/L		98
45) 1,1,2-Trichloroethane	7.89	97	79094	5.22	ug/L		96
47) Tetrachloroethene	8.02	164	84238	5.09	ug/L		97
48) 2-Hexanone	8.20	43	491854	55.45	ug/L		94
49) Dibromochloromethane	8.30	129	87070	5.48	ug/L		100
50) 1,2-Dibromoethane	8.40	107	68106	5.32	ug/L	#	97
51) Chlorobenzene	8.93	112	264098	5.07	ug/L		100
52) Ethylbenzene	9.06	91	409358	5.02	ug/L		98
53) m,p-xylene	9.19	106	158173	5.20	ug/L		100
54) o-xylene	9.59	106	145892	5.06	ug/L		98
55) Styrene	9.61	104	256298	5.27	ug/L		98
56) Isopropylbenzene	9.98	105	383539	5.07	ug/L		100
58) 1,1,2,2-Tetrachloroethane	10.29	83	98023	5.32	ug/L		99
59) 1,2,3-Trichloropropane	10.32	75	68865	5.28	ug/L		96
61) Bromoform	9.78	173	45731	5.32	ug/L		98
62) 1,3-Dichlorobenzene	11.23	146	183407	5.00	ug/L		99
63) 1,4-Dichlorobenzene	11.32	146	189353	5.03	ug/L		98
65) 1,2-Dichlorobenzene	11.70	146	186185	5.16	ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.48	75	12785	4.99	ug/L		90
67) 1,3,5-Trichlorobenzene	12.70	180	138587	4.99	ug/L		99
68) 1,2,4-trichlorobenzene	13.32	180	99229	4.87	ug/L		99
69) Naphthalene	13.56	128	143556	4.90	ug/L		99
70) 1,2,3-Trichlorobenzene	13.80	180	100360	5.11	ug/L		100

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

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