Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081318\
Data File : VV007013.D
Acq On : 13 Aug 2018 18:41
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00586

Quant Time: Aug 14 05:37:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 14 05:35:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	243715	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	240290	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	111339	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	59890	3.81	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.20%			
7) Chloroethane-d5	1.58	69	55875	4.19	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.80%			
11) 1,1-Dichloroethene-d2	2.13	63	125492	4.25	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.00%			
20) 2-Butanone-d5	3.97	46	244914	54.13	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.26%			
24) Chloroform-d	4.40	84	157521	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%			
26) 1,2-Dichloroethane-d4	5.09	65	80254	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.60%			
32) Benzene-d6	5.10	84	281672	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.20%			
36) 1,2-Dichloropropane-d6	6.12	67	99637	4.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.40%			
41) Toluene-d8	7.36	98	246047	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.60%			
43) trans-1,3-Dichloropropene-	7.67	79	33784	4.60	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.00%			
46) 2-Hexanone-d5	8.15	63	147235	49.04	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.08%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81948	4.98	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.60%			
64) 1,2-Dichlorobenzene-d4	11.68	152	89847	4.64	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	121513	5.12	ug/L	99
3) Chloromethane	1.25	50	106996	4.68	ug/L	99
5) Vinyl chloride	1.32	62	118201	5.01	ug/L	98
6) Bromomethane	1.54	94	25466	4.97	ug/L	100
8) Chloroethane	1.60	64	70875	4.95	ug/L	98
9) Trichlorofluoromethane	1.77	101	154520	5.14	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	93293	5.18	ug/L	98
12) 1,1-Dichloroethene	2.14	96	89201	5.10	ug/L	87
13) Acetone	2.21	43	107557	46.17	ug/L	97
14) Carbon disulfide	2.32	76	277451	4.80	ug/L	100
15) Methyl Acetate	2.47	43	31319	4.78	ug/L	97
16) Methylene chloride	2.54	84	101701	4.82	ug/L	94
17) Methyl tert-butyl Ether	2.82	73	211651	5.04	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	97954	5.23	ug/L	98
19) 1,1-Dichloroethane	3.23	63	169069	5.00	ug/L	97
21) 2-Butanone	4.06	43	272535	53.88	ug/L	97
22) cis-1,2-Dichloroethene	3.97	96	107077	5.04	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.31	128	45999	5.31	ug/L		94
25) Chloroform	4.43	83	193517	5.23	ug/L		99
27) 1,2-Dichloroethane	5.19	62	116463	5.05	ug/L		98
29) 1,1,1-Trichloroethane	4.66	97	161449	5.04	ug/L		99
30) Cyclohexane	4.73	56	157350	4.72	ug/L		100
31) Carbon tetrachloride	4.88	117	137926	5.13	ug/L		100
33) Benzene	5.15	78	429495	5.16	ug/L		100
34) Trichloroethene	5.96	95	101889	5.10	ug/L		96
35) Methylcyclohexane	6.18	83	154813	4.83	ug/L		98
37) 1,2-Dichloropropane	6.23	63	116065	5.09	ug/L		100
38) Bromodichloromethane	6.56	83	133026	5.14	ug/L		99
39) cis-1,3-Dichloropropene	7.08	75	133981	4.87	ug/L		100
40) 4-Methyl-2-pentanone	7.29	43	614809	49.95	ug/L		99
42) Toluene	7.44	91	435911	5.45	ug/L		99
44) trans-1,3-Dichloropropene	7.70	75	114542	5.07	ug/L		100
45) 1,1,2-Trichloroethane	7.89	97	74802	5.05	ug/L		94
47) Tetrachloroethene	8.02	164	84812	5.24	ug/L		99
48) 2-Hexanone	8.20	43	452367	52.11	ug/L		97
49) Dibromochloromethane	8.30	129	82976	5.34	ug/L		97
50) 1,2-Dibromoethane	8.40	107	65831	5.26	ug/L	#	96
51) Chlorobenzene	8.93	112	263691	5.17	ug/L		98
52) Ethylbenzene	9.06	91	410415	5.14	ug/L		99
53) m,p-xylene	9.19	106	156586	5.26	ug/L		99
54) o-xylene	9.59	106	145488	5.16	ug/L		98
55) Styrene	9.61	104	261767	5.50	ug/L		99
56) Isopropylbenzene	9.98	105	383614	5.18	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.29	83	93078	5.17	ug/L		98
59) 1,2,3-Trichloropropane	10.32	75	66820	5.24	ug/L		100
61) Bromoform	9.78	173	43550	5.16	ug/L		100
62) 1,3-Dichlorobenzene	11.23	146	183501	5.09	ug/L		100
63) 1,4-Dichlorobenzene	11.32	146	195386	5.29	ug/L		95
65) 1,2-Dichlorobenzene	11.70	146	186777	5.27	ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.48	75	11755	4.67	ug/L		93
67) 1,3,5-Trichlorobenzene	12.70	180	142407	5.22	ug/L		100
68) 1,2,4-trichlorobenzene	13.32	180	98278	4.91	ug/L		98
69) Naphthalene	13.56	128	131656	4.58	ug/L		99
70) 1,2,3-Trichlorobenzene	13.80	180	98096	5.09	ug/L		99

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

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