Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082918\
Data File : VV007261.D
Acq On : 29 Aug 2018 17:11
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00566

Quant Time: Aug 30 09:00:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 30 04:42:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	243228	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	240216	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	111922	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	78312	4.54	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.80%			
7) Chloroethane-d5	1.58	69	70569	5.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.40%			
11) 1,1-Dichloroethene-d2	2.13	63	144591	4.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.80%			
20) 2-Butanone-d5	3.97	46	256732	59.55	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 119.10%			
24) Chloroform-d	4.40	84	184056	5.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.60%			
26) 1,2-Dichloroethane-d4	5.09	65	93261	5.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.20%			
32) Benzene-d6	5.10	84	352367	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.20%			
36) 1,2-Dichloropropane-d6	6.12	67	117677	5.30	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.00%			
41) Toluene-d8	7.36	98	316205	5.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.60%			
43) trans-1,3-Dichloropropene-	7.67	79	40501	5.13	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.60%			
46) 2-Hexanone-d5	8.15	63	112258	54.10	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.20%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	94667	5.48	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.60%			
64) 1,2-Dichlorobenzene-d4	11.68	152	112612	5.24	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	93230	5.22	ug/L	99
3) Chloromethane	1.25	50	105300	5.38	ug/L	99
5) Vinyl chloride	1.32	62	98778	5.27	ug/L	100
6) Bromomethane	1.54	94	35074	5.22	ug/L	99
8) Chloroethane	1.60	64	60125	5.23	ug/L	100
9) Trichlorofluoromethane	1.77	101	138987	5.30	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	85022	5.16	ug/L	98
12) 1,1-Dichloroethene	2.14	96	79489	5.40	ug/L	91
13) Acetone	2.21	43	111263	51.47	ug/L	89
14) Carbon disulfide	2.32	76	216783	5.00	ug/L	100
15) Methyl Acetate	2.47	43	31882	5.56	ug/L	98
16) Methylene chloride	2.54	84	88616	4.97	ug/L	99
17) Methyl tert-butyl Ether	2.82	73	203600	5.37	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	86489	5.27	ug/L	96
19) 1,1-Dichloroethane	3.23	63	176002	5.27	ug/L	98
21) 2-Butanone	4.05	43	253432	56.38	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	99259	5.27	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	45066	5.29 ug/L	98
25) Chloroform	4.43	83	180734	5.41 ug/L	100
27) 1,2-Dichloroethane	5.19	62	108486	5.52 ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	147531	5.27 ug/L	98
30) Cyclohexane	4.73	56	128167	5.20 ug/L	99
31) Carbon tetrachloride	4.88	117	124996	5.27 ug/L	99
33) Benzene	5.15	78	385792	5.42 ug/L	100
34) Trichloroethene	5.96	95	93769	5.22 ug/L	98
35) Methylcyclohexane	6.18	83	133421	5.08 ug/L	99
37) 1,2-Dichloropropane	6.23	63	103434	5.48 ug/L	100
38) Bromodichloromethane	6.56	83	121419	5.36 ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	123130	5.26 ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	565837	57.20 ug/L	98
42) Toluene	7.44	91	392347	5.62 ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	102183	5.23 ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	74383	5.46 ug/L	99
47) Tetrachloroethene	8.02	164	79081	5.33 ug/L	99
48) 2-Hexanone	8.20	43	481856	65.27 ug/L	98
49) Dibromochloromethane	8.30	129	80952	5.28 ug/L	98
50) 1,2-Dibromoethane	8.40	107	64373	5.53 ug/L	99
51) Chlorobenzene	8.93	112	250460	5.27 ug/L	99
52) Ethylbenzene	9.06	91	372525	5.31 ug/L	98
53) m,p-xylene	9.19	106	145449	5.44 ug/L	98
54) o-xylene	9.59	106	133949	5.39 ug/L	96
55) Styrene	9.61	104	243872	5.59 ug/L	100
56) Isopropylbenzene	9.98	105	357569	5.41 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	89309	5.61 ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	64328	5.61 ug/L	99
61) Bromoform	9.78	173	44126	5.25 ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	177424	5.28 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	189040	5.33 ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	184711	5.50 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	10431	5.31 ug/L	93
67) 1,3,5-Trichlorobenzene	12.70	180	133393	5.43 ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	90172	5.45 ug/L	99
69) Naphthalene	13.56	128	101177	4.90 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	91721	5.65 ug/L	99

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

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