Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062918\
Data File : VV006520.D
Acq On : 29 Jun 2018 20:59
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00569

Quant Time: Jun 30 02:25:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 30 02:15:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	304278	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	281036	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	136516	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	99080	4.95	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.00%			
7) Chloroethane-d5	1.58	69	82189	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.00%			
11) 1,1-Dichloroethene-d2	2.13	63	168091	4.74	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.80%			
20) 2-Butanone-d5	3.98	46	229171	61.13	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 122.26%			
24) Chloroform-d	4.41	84	173378	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.60%			
26) 1,2-Dichloroethane-d4	5.09	65	84263	5.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.60%			
32) Benzene-d6	5.11	84	357430	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.80%			
36) 1,2-Dichloropropane-d6	6.12	67	109544	5.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.40%			
41) Toluene-d8	7.37	98	328585	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.80%			
43) trans-1,3-Dichloropropene-	7.67	79	35240	4.39	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.80%			
46) 2-Hexanone-d5	8.14	63	192231	60.42	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 120.84%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	75030	5.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.20%			
64) 1,2-Dichlorobenzene-d4	11.68	152	124607	4.91	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	99439	4.46	ug/L	92
3) Chloromethane	1.26	50	103195	4.51	ug/L	98
5) Vinyl chloride	1.32	62	117721	4.74	ug/L	100
6) Bromomethane	1.54	94	62336	4.33	ug/L	99
8) Chloroethane	1.60	64	74178	4.71	ug/L	98
9) Trichlorofluoromethane	1.77	101	142383	4.77	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	90264	4.81	ug/L	100
12) 1,1-Dichloroethene	2.14	96	89133	4.84	ug/L	95
13) Acetone	2.22	43	133012	57.88	ug/L	100
14) Carbon disulfide	2.32	76	201963	3.89	ug/L	99
15) Methyl Acetate	2.48	43	38404	5.68	ug/L	99
16) Methylene chloride	2.54	84	101010	4.69	ug/L	99
17) Methyl tert-butyl Ether	2.82	73	233038	5.23	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	97416	4.84	ug/L	98
19) 1,1-Dichloroethane	3.23	63	172570	4.81	ug/L	98
21) 2-Butanone	4.06	43	227823	54.86	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	105287	4.75	ug/L	95

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 30 02:15:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	44998	5.00	ug/L	98
25) Chloroform	4.44	83	177129	4.90	ug/L	100
27) 1,2-Dichloroethane	5.19	62	102126	5.03	ug/L	100
29) 1,1,1-Trichloroethane	4.67	97	141009	4.60	ug/L	100
30) Cyclohexane	4.73	56	134673	4.40	ug/L	100
31) Carbon tetrachloride	4.88	117	115090	4.48	ug/L	98
33) Benzene	5.15	78	400010	4.82	ug/L	100
34) Trichloroethene	5.96	95	108725	4.58	ug/L	98
35) Methylcyclohexane	6.18	83	153547	4.45	ug/L	99
37) 1,2-Dichloropropane	6.23	63	99732	4.92	ug/L	100
38) Bromodichloromethane	6.56	83	106737	4.57	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	129176	4.58	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	538633	54.58	ug/L	99
42) Toluene	7.44	91	423939	4.82	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	100528	4.54	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	72611	5.18	ug/L	97
47) Tetrachloroethene	8.03	164	83044	4.63	ug/L	99
48) 2-Hexanone	8.20	43	402909	56.75	ug/L	100
49) Dibromochloromethane	8.30	129	69897	4.68	ug/L	99
50) 1,2-Dibromoethane	8.40	107	65995	5.24	ug/L	97
51) Chlorobenzene	8.93	112	281550	4.84	ug/L	99
52) Ethylbenzene	9.06	91	453172	4.76	ug/L	100
53) m,p-xylene	9.19	106	174488	4.75	ug/L	100
54) o-xylene	9.59	106	172583	4.79	ug/L	100
55) Styrene	9.61	104	294349	5.00	ug/L	99
56) Isopropylbenzene	9.98	105	450854	4.81	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.30	83	71031	5.38	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	59464	5.39	ug/L	98
61) Bromoform	9.78	173	34297	4.48	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	213839	4.76	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	216782	4.82	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	209191	4.97	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	8323	4.65	ug/L	91
67) 1,3,5-Trichlorobenzene	12.70	180	163063	4.77	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	127741	5.10	ug/L	98
69) Naphthalene	13.56	128	197311	5.39	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	124189	5.32	ug/L	98

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

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