Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV050718\
Data File : VV005832.D
Acq On : 07 May 2018 22:06
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00599

Quant Time: May 08 01:25:58 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR050518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 08 01:22:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	238549	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	235891	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	107806	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	85192	4.70	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.00%			
7) Chloroethane-d5	1.58	69	74080	4.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.80%			
11) 1,1-Dichloroethene-d2	2.14	63	180621	4.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.40%			
20) 2-Butanone-d5	3.96	46	200370	56.25	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.50%			
24) Chloroform-d	4.41	84	168228	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.00%			
26) 1,2-Dichloroethane-d4	5.09	65	99712	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.80%			
32) Benzene-d6	5.11	84	309969	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
36) 1,2-Dichloropropane-d6	6.12	67	96879	4.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.60%			
41) Toluene-d8	7.37	98	295622	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%			
43) trans-1,3-Dichloropropene-	7.67	79	38179	4.92	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.40%			
46) 2-Hexanone-d5	8.14	63	153102	50.51	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.02%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	73395	4.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.40%			
64) 1,2-Dichlorobenzene-d4	11.68	152	104225	4.65	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	118682	5.05	ug/L	90
3) Chloromethane	1.26	50	100348	4.58	ug/L	97
5) Vinyl chloride	1.33	62	110336	4.74	ug/L	99
6) Bromomethane	1.54	94	32385	3.11	ug/L	100
8) Chloroethane	1.60	64	72146	5.18	ug/L	96
9) Trichlorofluoromethane	1.77	101	161726	4.73	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	87544	4.68	ug/L	97
12) 1,1-Dichloroethene	2.15	96	82137	4.82	ug/L	82
13) Acetone	2.20	43	152547	50.57	ug/L	98
14) Carbon disulfide	2.32	76	241060	4.30	ug/L	100
15) Methyl Acetate	2.47	43	40009	5.06	ug/L	95
16) Methylene chloride	2.54	84	95449	5.04	ug/L	100
17) Methyl tert-butyl Ether	2.82	73	223747	5.27	ug/L	99
18) trans-1,2-Dichloroethene	2.80	96	90631	4.83	ug/L	98
19) 1,1-Dichloroethane	3.23	63	185939	5.11	ug/L	98
21) 2-Butanone	4.04	43	226315	55.21	ug/L	95
22) cis-1,2-Dichloroethene	3.97	96	95486	5.19	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.31	128	40124	5.19	ug/L		93
25) Chloroform	4.44	83	195272	5.11	ug/L		96
27) 1,2-Dichloroethane	5.19	62	122417	5.31	ug/L		99
29) 1,1,1-Trichloroethane	4.67	97	154093	5.03	ug/L		99
30) Cyclohexane	4.73	56	120081	4.61	ug/L		99
31) Carbon tetrachloride	4.88	117	132564	4.81	ug/L		100
33) Benzene	5.15	78	360288	5.25	ug/L		100
34) Trichloroethene	5.97	95	99988	5.12	ug/L		99
35) Methylcyclohexane	6.18	83	124537	4.53	ug/L		96
37) 1,2-Dichloropropane	6.23	63	89886	5.29	ug/L		100
38) Bromodichloromethane	6.56	83	126421	5.30	ug/L	#	99
39) cis-1,3-Dichloropropene	7.08	75	127948	5.21	ug/L		99
40) 4-Methyl-2-pentanone	7.29	43	588100	55.87	ug/L		99
42) Toluene	7.44	91	384972	5.12	ug/L		100
44) trans-1,3-Dichloropropene	7.70	75	108296	5.30	ug/L		100
45) 1,1,2-Trichloroethane	7.89	97	66253	5.23	ug/L		96
47) Tetrachloroethene	8.02	164	66721	4.87	ug/L		97
48) 2-Hexanone	8.19	43	442144	56.88	ug/L		99
49) Dibromochloromethane	8.30	129	78227	5.33	ug/L		97
50) 1,2-Dibromoethane	8.40	107	63091	5.39	ug/L		97
51) Chlorobenzene	8.93	112	251547	5.10	ug/L		98
52) Ethylbenzene	9.06	91	411236	5.05	ug/L		98
53) m,p-xylene	9.19	106	153130	5.15	ug/L		100
54) o-xylene	9.59	106	150763	5.26	ug/L		98
55) Styrene	9.61	104	255829	5.35	ug/L		99
56) Isopropylbenzene	9.98	105	397784	5.16	ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.30	83	72652	5.19	ug/L		99
59) 1,2,3-Trichloropropane	10.33	75	62747	5.56	ug/L		100
61) Bromoform	9.78	173	36866	5.26	ug/L		99
62) 1,3-Dichlorobenzene	11.23	146	178130	5.09	ug/L		98
63) 1,4-Dichlorobenzene	11.33	146	186357	5.10	ug/L		98
65) 1,2-Dichlorobenzene	11.70	146	177335	5.15	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.48	75	11164	4.88	ug/L		92
67) 1,3,5-Trichlorobenzene	12.70	180	128726	5.05	ug/L		99
68) 1,2,4-trichlorobenzene	13.32	180	103558	5.44	ug/L		97
69) Naphthalene	13.56	128	203385	6.69	ug/L		99
70) 1,2,3-Trichlorobenzene	13.80	180	98915	5.44	ug/L		100

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

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