Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR062518\
Data File : VR025424.D
Acq On : 25 Jun 2018 11:23
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 01:38:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 22 22:38:28 2018
Response via : Initial Calibration

Instrument : MSVOA_R
ClientSampleId : VSTD00597

Manual Integrations APPROVED
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6/28/2018 5:14:42 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	579871	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	481702	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	200402	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	88079	4.46	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.20%			
7) Chloroethane-d5	2.64	69	61730	4.25	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.00%			
11) 1,1-Dichloroethene-d2	3.65	63	257922	5.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.60%			
20) 2-Butanone-d5	6.60	46	223030	42.13	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 84.26%			
24) Chloroform-d	7.21	84	392575	5.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.40%			
26) 1,2-Dichloroethane-d4	7.89	65	144882	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.60%			
32) Benzene-d6	7.85	84	852829	5.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.40%			
36) 1,2-Dichloropropane-d6	8.90	67	227817	4.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.20%			
41) Toluene-d8	9.97	98	800320	5.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.80%			
43) trans-1,3-Dichloropropene-	10.24	79	54557	4.42	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.40%			
46) 2-Hexanone-d5	10.59	63	192062	44.81	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.62%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	94802	5.25	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.00%			
64) 1,2-Dichlorobenzene-d4	13.51	152	161450	4.75	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	191434	5.11	ug/L	100
3) Chloromethane	2.01	50	100611	3.71	ug/L	95
5) Vinyl chloride	2.16	62	98242	4.09	ug/L	89
6) Bromomethane	2.53	94	45443	3.88	ug/L	88
8) Chloroethane	2.67	64	54595	4.36	ug/L	90
9) Trichlorofluoromethane	2.98	101	200705	5.72	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	109577	5.33	ug/L	99
12) 1,1-Dichloroethene	3.65	96	97939	4.80	ug/L #	78
13) Acetone	3.70	43	114693	47.97	ug/L	98
14) Carbon disulfide	3.97	76	172787	4.03	ug/L #	95
15) Methyl Acetate	4.19	43	24692	4.11	ug/L	94
16) Methylene chloride	4.41	84	81813m	4.41	ug/L	
17) Methyl tert-butyl Ether	4.90	73	290096	4.77	ug/L	99
18) trans-1,2-Dichloroethene	4.89	96	229190	5.47	ug/L	97
19) 1,1-Dichloroethane	5.70	63	414606	5.27	ug/L	99
21) 2-Butanone	6.69	43	277363	49.08	ug/L	96
22) cis-1,2-Dichloroethene	6.68	96	236068	5.40	ug/L	95

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Sample : VSTDCCC005
Misc : 25mL/MSVOA R/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 01:38:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 22 22:38:28 2018
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MSVOA_R
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.05	128	63825	4.98	ug/L		98
25) Chloroform	7.23	83	395323	5.49	ug/L		98
27) 1,2-Dichloroethane	7.99	62	169173	5.15	ug/L	#	90
29) 1,1,1-Trichloroethane	7.43	97	292470	5.11	ug/L		98
30) Cyclohexane	7.52	56	331601	4.54	ug/L		97
31) Carbon tetrachloride	7.64	117	264259	5.26	ug/L		94
33) Benzene	7.91	78	966118	5.11	ug/L		100
34) Trichloroethene	8.71	95	233181	5.10	ug/L		97
35) Methylcyclohexane	8.96	83	356496	4.94	ug/L		98
37) 1,2-Dichloropropane	8.99	63	221038	5.26	ug/L		98
38) Bromodichloromethane	9.28	83	215293	5.28	ug/L		98
39) cis-1,3-Dichloropropene	9.72	75	239691	4.84	ug/L		94
40) 4-Methyl-2-pentanone	9.86	43	659539	48.48	ug/L		97
42) Toluene	10.03	91	999063	4.93	ug/L		97
44) trans-1,3-Dichloropropene	10.27	75	169933	4.99	ug/L		96
45) 1,1,2-Trichloroethane	10.44	97	104087	5.33	ug/L		94
47) Tetrachloroethene	10.51	164	163880	5.36	ug/L		96
48) 2-Hexanone	10.64	43	431404	49.74	ug/L		96
49) Dibromochloromethane	10.78	129	95354	5.07	ug/L		97
50) 1,2-Dibromoethane	10.89	107	79186	5.06	ug/L		92
51) Chlorobenzene	11.31	112	572293	5.27	ug/L		98
52) Ethylbenzene	11.39	91	1134821	5.64	ug/L		98
53) m,p-Xylene	11.50	106	423214	5.51	ug/L		93
54) o-Xylene	11.83	106	381935	5.57	ug/L		98
55) Styrene	11.85	104	612635	5.81	ug/L		90
56) Isopropylbenzene	12.13	105	1084530	5.88	ug/L		100
58) 1,1,2,2-Tetrachloroethane	12.38	83	99814	5.52	ug/L	#	88
59) 1,2,3-Trichloropropane	12.43	75	67919	5.21	ug/L		100
61) Bromoform	12.01	173	31751	4.44	ug/L		98
62) 1,3-Dichlorobenzene	13.16	146	355671	5.06	ug/L		99
63) 1,4-Dichlorobenzene	13.24	146	376250	5.35	ug/L		98
65) 1,2-Dichlorobenzene	13.53	146	297749	5.28	ug/L		98
66) 1,2-Dibromo-3-chloropropan	14.14	75	9549	4.29	ug/L	#	79
67) 1,3,5-Trichlorobenzene	14.29	180	250696	5.38	ug/L		98
68) 1,2,4-trichlorobenzene	14.79	180	159705	4.93	ug/L		97
69) Naphthalene	15.00	128	197149	4.67	ug/L		99
70) 1,2,3-Trichlorobenzene	15.18	180	130324	5.19	ug/L		97

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

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