Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR080918\
Data File : VR025599.D
Acq On : 9 Aug 2018 9:18
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00596

Manual Integrations APPROVED
MMDadoda
8/10/2018 4:11:14 PM

Quant Time: Aug 10 05:01:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 09 04:27:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	608969	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	547824	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	248528	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.16	65	157552	4.17	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.40%			
7) Chloroethane-d5	2.64	69	115424	3.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 77.60%			
11) 1,1-Dichloroethene-d2	3.65	63	383705	4.40	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.00%			
20) 2-Butanone-d5	6.60	46	166331	53.33	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.66%			
24) Chloroform-d	7.21	84	302424	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
26) 1,2-Dichloroethane-d4	7.90	65	101296	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.20%			
32) Benzene-d6	7.86	84	665680	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
36) 1,2-Dichloropropane-d6	8.90	67	175832	4.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.20%			
41) Toluene-d8	9.97	98	668418	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.40%			
43) trans-1,3-Dichloropropene-	10.24	79	44039	4.46	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.20%			
46) 2-Hexanone-d5	10.59	63	170592	54.11	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.22%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	87171	5.00	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.00%			
64) 1,2-Dichlorobenzene-d4	13.51	152	175655	4.63	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.84	85	169926	4.87	ug/L	96
3) Chloromethane	2.02	50	222812	4.84	ug/L	95
5) Vinyl chloride	2.16	62	207717	4.51	ug/L	98
6) Bromomethane	2.53	94	93898	3.71	ug/L	92
8) Chloroethane	2.67	64	105233	4.12	ug/L	84
9) Trichlorofluoromethane	2.98	101	363265m	5.78	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	202443	4.98	ug/L	96
12) 1,1-Dichloroethene	3.66	96	224184	5.15	ug/L	85
13) Acetone	3.71	43	147863	56.40	ug/L	98
14) Carbon disulfide	3.97	76	454999	4.52	ug/L	100
15) Methyl Acetate	4.21	43	38560	4.66	ug/L	97
16) Methylene chloride	4.42	84	165733m	4.51	ug/L	
17) Methyl tert-butyl Ether	4.91	73	219514	5.03	ug/L	98
18) trans-1,2-Dichloroethene	4.89	96	210213	5.05	ug/L	98
19) 1,1-Dichloroethane	5.70	63	299027	4.91	ug/L	97
21) 2-Butanone	6.70	43	210859	57.89	ug/L	96
22) cis-1,2-Dichloroethene	6.68	96	198982	5.23	ug/L #	94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.06	128	67524	5.35	ug/L		94
25) Chloroform	7.24	83	299729	4.97	ug/L		96
27) 1,2-Dichloroethane	8.00	62	123886m	5.15	ug/L		
29) 1,1,1-Trichloroethane	7.44	97	216235	4.46	ug/L		98
30) Cyclohexane	7.52	56	270132	4.83	ug/L		97
31) Carbon tetrachloride	7.64	117	230162	4.60	ug/L		98
33) Benzene	7.91	78	822291	4.86	ug/L		100
34) Trichloroethene	8.71	95	195269	4.64	ug/L		95
35) Methylcyclohexane	8.96	83	326719	5.16	ug/L		97
37) 1,2-Dichloropropane	9.00	63	175102	4.92	ug/L		100
38) Bromodichloromethane	9.29	83	174001	4.78	ug/L		99
39) cis-1,3-Dichloropropene	9.72	75	194429	4.94	ug/L		99
40) 4-Methyl-2-pentanone	9.87	43	566907	56.47	ug/L		99
42) Toluene	10.03	91	934501	5.18	ug/L		96
44) trans-1,3-Dichloropropene	10.27	75	137981	5.02	ug/L		98
45) 1,1,2-Trichloroethane	10.45	97	88820	5.01	ug/L		98
47) Tetrachloroethene	10.52	164	187346	5.20	ug/L		96
48) 2-Hexanone	10.64	43	382652	56.52	ug/L		97
49) Dibromochloromethane	10.79	129	108015	5.16	ug/L		98
50) 1,2-Dibromoethane	10.89	107	76035	5.14	ug/L		89
51) Chlorobenzene	11.32	112	551935	5.06	ug/L		98
52) Ethylbenzene	11.40	91	1021255	5.21	ug/L		99
53) m,p-Xylene	11.51	106	410959	5.42	ug/L		97
54) o-Xylene	11.83	106	367167	5.27	ug/L		94
55) Styrene	11.85	104	622678	5.62	ug/L		99
56) Isopropylbenzene	12.13	105	995184	5.44	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.38	83	88525	5.27	ug/L		95
59) 1,2,3-Trichloropropane	12.44	75	58508	5.21	ug/L		99
61) Bromoform	12.01	173	48244	4.87	ug/L		98
62) 1,3-Dichlorobenzene	13.16	146	359474	5.00	ug/L		99
63) 1,4-Dichlorobenzene	13.24	146	412137	5.28	ug/L		98
65) 1,2-Dichlorobenzene	13.53	146	310854	5.03	ug/L		98
66) 1,2-Dibromo-3-chloropropan	14.15	75	7577	3.97	ug/L	#	67
67) 1,3,5-Trichlorobenzene	14.29	180	255236	5.22	ug/L		98
68) 1,2,4-trichlorobenzene	14.79	180	159805	5.09	ug/L		98
69) Naphthalene	15.00	128	165304	4.61	ug/L		99
70) 1,2,3-Trichlorobenzene	15.18	180	142774	5.91	ug/L		98

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

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