Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071718\
Data File : VR025498.D
Acq On : 17 Jul 2018 18:21
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00595

Manual Integrations APPROVED
MMDadoda
7/18/2018 5:33:39 PM

Quant Time: Jul 18 02:33:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 18 01:02:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	726792	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	597163	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	241499	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	89524	4.47	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.40%			
7) Chloroethane-d5	2.63	69	71278	4.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.40%			
11) 1,1-Dichloroethene-d2	3.63	63	269461	4.44	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.80%			
20) 2-Butanone-d5	6.60	46	270712	43.50	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 87.00%			
24) Chloroform-d	7.21	84	408732	4.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.60%			
26) 1,2-Dichloroethane-d4	7.90	65	160757	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.60%			
32) Benzene-d6	7.86	84	851371	4.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.20%			
36) 1,2-Dichloropropane-d6	8.90	67	244620	4.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.40%			
41) Toluene-d8	9.97	98	777545	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.60%			
43) trans-1,3-Dichloropropene-	10.24	79	69749	4.54	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.80%			
46) 2-Hexanone-d5	10.59	63	252440	50.85	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.70%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	114957	4.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.60%			
64) 1,2-Dichlorobenzene-d4	13.51	152	172787	4.33	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	236316	5.76	ug/L	100
3) Chloromethane	2.01	50	130634	5.37	ug/L	91
5) Vinyl chloride	2.16	62	123397	5.64	ug/L	93
6) Bromomethane	2.53	94	69228	5.38	ug/L	90
8) Chloroethane	2.66	64	72850	5.35	ug/L	97
9) Trichlorofluoromethane	2.98	101	192573m	5.39	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	118362	5.44	ug/L	99
12) 1,1-Dichloroethene	3.66	96	112716	5.19	ug/L	89
13) Acetone	3.71	43	96904	34.56	ug/L	98
14) Carbon disulfide	3.97	76	233473	4.72	ug/L	97
15) Methyl Acetate	4.19	43	27740	4.42	ug/L	100
16) Methylene chloride	4.41	84	92595m	4.35	ug/L	
17) Methyl tert-butyl Ether	4.90	73	372272	5.26	ug/L	99
18) trans-1,2-Dichloroethene	4.89	96	249545	4.62	ug/L	95
19) 1,1-Dichloroethane	5.70	63	444920	4.80	ug/L	99
21) 2-Butanone	6.70	43	304587	46.63	ug/L	97
22) cis-1,2-Dichloroethene	6.68	96	249365	5.03	ug/L #	92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.05	128	74422	4.66	ug/L		96
25) Chloroform	7.24	83	426768	4.79	ug/L		97
27) 1,2-Dichloroethane	8.00	62	202817	5.08	ug/L		96
29) 1,1,1-Trichloroethane	7.43	97	315934	5.20	ug/L		98
30) Cyclohexane	7.52	56	411188	6.31	ug/L		98
31) Carbon tetrachloride	7.64	117	296869	5.52	ug/L		96
33) Benzene	7.91	78	1001617	4.87	ug/L		100
34) Trichloroethene	8.71	95	253536	4.84	ug/L		97
35) Methylcyclohexane	8.96	83	417683	5.96	ug/L		98
37) 1,2-Dichloropropane	9.00	63	232679	4.86	ug/L		100
38) Bromodichloromethane	9.28	83	244155	5.01	ug/L		97
39) cis-1,3-Dichloropropene	9.72	75	293618	5.46	ug/L		100
40) 4-Methyl-2-pentanone	9.87	43	808479	58.31	ug/L		97
42) Toluene	10.03	91	1035002	5.17	ug/L		98
44) trans-1,3-Dichloropropene	10.27	75	211769	5.36	ug/L		100
45) 1,1,2-Trichloroethane	10.44	97	112247	4.79	ug/L		97
47) Tetrachloroethene	10.52	164	174149	5.09	ug/L		95
48) 2-Hexanone	10.64	43	539085	56.52	ug/L		97
49) Dibromochloromethane	10.78	129	121813	4.98	ug/L		99
50) 1,2-Dibromoethane	10.89	107	94487	4.98	ug/L	#	99
51) Chlorobenzene	11.31	112	584748	4.80	ug/L		95
52) Ethylbenzene	11.39	91	1145527	5.34	ug/L		97
53) m,p-Xylene	11.50	106	428653	5.32	ug/L		99
54) o-Xylene	11.83	106	392724	5.66	ug/L		96
55) Styrene	11.85	104	626030	5.48	ug/L		96
56) Isopropylbenzene	12.13	105	1058823	5.76	ug/L		100
58) 1,1,2,2-Tetrachloroethane	12.38	83	111341	4.82	ug/L	#	99
59) 1,2,3-Trichloropropane	12.44	75	81968	4.93	ug/L		95
61) Bromoform	12.01	173	47231	4.80	ug/L		99
62) 1,3-Dichlorobenzene	13.16	146	371263	5.25	ug/L		100
63) 1,4-Dichlorobenzene	13.24	146	373932	4.76	ug/L		95
65) 1,2-Dichlorobenzene	13.53	146	307818	5.01	ug/L		96
66) 1,2-Dibromo-3-chloropropan	14.15	75	13647	5.02	ug/L	#	81
67) 1,3,5-Trichlorobenzene	14.29	180	223113	4.83	ug/L		98
68) 1,2,4-trichlorobenzene	14.79	180	158054	4.98	ug/L		98
69) Naphthalene	15.00	128	234512	5.76	ug/L		99
70) 1,2,3-Trichlorobenzene	15.18	180	122385	5.00	ug/L		99

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

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