Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR062118\
Data File : VR025406.D
Acq On : 21 Jun 2018 19:54
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00594

Manual Integrations APPROVED
MMDadoda
6/26/2018 12:01:58 PM

Quant Time: Jun 22 03:03:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 22 02:50:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	541245	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	470048	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	198203	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	84485	4.58	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.60%			
7) Chloroethane-d5	2.64	69	60669	4.48	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.60%			
11) 1,1-Dichloroethene-d2	3.64	63	229829	4.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.00%			
20) 2-Butanone-d5	6.60	46	291299	58.95	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.90%			
24) Chloroform-d	7.21	84	365640	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.20%			
26) 1,2-Dichloroethane-d4	7.89	65	146909	5.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 111.40%			
32) Benzene-d6	7.86	84	782832	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
36) 1,2-Dichloropropane-d6	8.90	67	230200	5.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.60%			
41) Toluene-d8	9.97	98	707506	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.40%			
43) trans-1,3-Dichloropropene-	10.24	79	51927	4.31	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.20%			
46) 2-Hexanone-d5	10.59	63	262281	62.71	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 125.42%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	112047	6.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 127.20%#			
64) 1,2-Dichlorobenzene-d4	13.51	152	161303	4.80	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	167901	4.80	ug/L	98
3) Chloromethane	2.01	50	98658	3.90	ug/L	95
5) Vinyl chloride	2.16	62	93902	4.19	ug/L	99
6) Bromomethane	2.53	94	38695	3.54	ug/L	99
8) Chloroethane	2.67	64	51076	4.37	ug/L	100
9) Trichlorofluoromethane	2.98	101	178045	5.44	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	97835	5.09	ug/L	97
12) 1,1-Dichloroethene	3.66	96	87968	4.62	ug/L	97
13) Acetone	3.71	43	121736	54.55	ug/L	100
14) Carbon disulfide	3.96	76	150844	3.77	ug/L	100
15) Methyl Acetate	4.20	43	25296	4.51	ug/L	98
16) Methylene chloride	4.41	84	82735m	4.78	ug/L	
17) Methyl tert-butyl Ether	4.90	73	297030	5.24	ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	198121	5.07	ug/L	96
19) 1,1-Dichloroethane	5.69	63	378059	5.15	ug/L	98
21) 2-Butanone	6.69	43	318510	60.38	ug/L	99
22) cis-1,2-Dichloroethene	6.68	96	212416	5.20	ug/L #	92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.05	128	66734	5.58	ug/L		92
25) Chloroform	7.24	83	365841	5.45	ug/L		100
27) 1,2-Dichloroethane	8.00	62	165277	5.39	ug/L	#	91
29) 1,1,1-Trichloroethane	7.43	97	235165	4.21	ug/L		98
30) Cyclohexane	7.52	56	286622	4.02	ug/L		100
31) Carbon tetrachloride	7.64	117	226252	4.62	ug/L		98
33) Benzene	7.91	78	881343	4.78	ug/L		100
34) Trichloroethene	8.71	95	203429	4.56	ug/L		97
35) Methylcyclohexane	8.96	83	309789	4.40	ug/L		98
37) 1,2-Dichloropropane	8.99	63	217159	5.29	ug/L		100
38) Bromodichloromethane	9.28	83	201946	5.08	ug/L		100
39) cis-1,3-Dichloropropene	9.72	75	229201	4.74	ug/L		99
40) 4-Methyl-2-pentanone	9.86	43	781693	58.88	ug/L		98
42) Toluene	10.03	91	910023	4.60	ug/L		96
44) trans-1,3-Dichloropropene	10.27	75	158092	4.76	ug/L		93
45) 1,1,2-Trichloroethane	10.44	97	102838	5.40	ug/L		96
47) Tetrachloroethene	10.51	164	134517	4.51	ug/L		94
48) 2-Hexanone	10.64	43	528867	62.49	ug/L		97
49) Dibromochloromethane	10.78	129	94834	5.17	ug/L		98
50) 1,2-Dibromoethane	10.89	107	79206	5.19	ug/L		96
51) Chlorobenzene	11.31	112	525862	4.96	ug/L		99
52) Ethylbenzene	11.39	91	1010384	5.15	ug/L		96
53) m,p-Xylene	11.50	106	366096	4.89	ug/L		96
54) o-Xylene	11.83	106	350682	5.24	ug/L		95
55) Styrene	11.84	104	583947	5.68	ug/L		96
56) Isopropylbenzene	12.13	105	930146	5.17	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.38	83	111313	6.31	ug/L	#	95
59) 1,2,3-Trichloropropane	12.44	75	75207	5.91	ug/L		98
61) Bromoform	12.01	173	30124	4.26	ug/L		94
62) 1,3-Dichlorobenzene	13.16	146	321731	4.62	ug/L		99
63) 1,4-Dichlorobenzene	13.24	146	347781	5.00	ug/L		99
65) 1,2-Dichlorobenzene	13.53	146	285446	5.12	ug/L		99
66) 1,2-Dibromo-3-chloropropan	14.14	75	11692	5.31	ug/L	#	63
67) 1,3,5-Trichlorobenzene	14.29	180	222371	4.83	ug/L		99
68) 1,2,4-trichlorobenzene	14.79	180	155219	4.84	ug/L		99
69) Naphthalene	15.00	128	210713	5.05	ug/L		99
70) 1,2,3-Trichlorobenzene	15.18	180	133537	5.38	ug/L		97

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

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