Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR112118\
Data File : VR026261.D
Acq On : 21 Nov 2018 15:07
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00597

Manual Integrations APPROVED
MMDadoda
11/26/2018 9:21:25 AM

Quant Time: Nov 21 15:34:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 15:29:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	614495	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	527892	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	207634	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.16	65	242586	4.46	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.20%			
7) Chloroethane-d5	2.63	69	202400	4.41	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.20%			
11) 1,1-Dichloroethene-d2	3.61	63	579789	4.40	ug/L	-0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.00%			
20) 2-Butanone-d5	6.59	46	200085	48.21	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.42%			
24) Chloroform-d	7.20	84	411058	4.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.60%			
26) 1,2-Dichloroethane-d4	7.90	65	155428	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.80%			
32) Benzene-d6	7.86	84	826938	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
36) 1,2-Dichloropropane-d6	8.90	67	206821	4.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.20%			
41) Toluene-d8	9.97	98	792785	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.00%			
43) trans-1,3-Dichloropropene-	10.24	79	53690	4.27	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.40%			
46) 2-Hexanone-d5	10.59	63	144106	50.54	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.08%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	83414	4.38	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.60%			
64) 1,2-Dichlorobenzene-d4	13.52	152	161439	4.53	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.84	85	187772	4.44	ug/L	99
3) Chloromethane	2.02	50	262942	4.52	ug/L	99
5) Vinyl chloride	2.17	62	261471	4.54	ug/L	94
6) Bromomethane	2.52	94	166229	4.31	ug/L	99
8) Chloroethane	2.66	64	154445	4.28	ug/L	96
9) Trichlorofluoromethane	2.93	101	394240m	4.33	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	223656	4.40	ug/L	96
12) 1,1-Dichloroethene	3.63	96	246280	4.48	ug/L	77
13) Acetone	3.70	43	179143	47.16	ug/L	99
14) Carbon disulfide	3.94	76	610189	4.40	ug/L	97
15) Methyl Acetate	4.20	43	44985	4.38	ug/L	94
16) Methylene chloride	4.41	84	205992	4.11	ug/L	98
17) Methyl tert-butyl Ether	4.90	73	239495	4.40	ug/L	100
18) trans-1,2-Dichloroethene	4.89	96	206951	4.45	ug/L	100
19) 1,1-Dichloroethane	5.70	63	381248	4.50	ug/L	98
21) 2-Butanone	6.69	43	230505	47.56	ug/L	100
22) cis-1,2-Dichloroethene	6.67	96	194764	4.69	ug/L	90

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ALS Vial : 9 Sample Multiplier: 1

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.05	128	55488	4.30	ug/L		98
25) Chloroform	7.23	83	383925	4.11	ug/L		99
27) 1,2-Dichloroethane	7.99	62	171289	4.45	ug/L		97
29) 1,1,1-Trichloroethane	7.43	97	326228	4.46	ug/L		99
30) Cyclohexane	7.52	56	316078	5.04	ug/L		99
31) Carbon tetrachloride	7.64	117	295828	4.52	ug/L		100
33) Benzene	7.91	78	867262	4.54	ug/L		100
34) Trichloroethene	8.71	95	221947	4.47	ug/L		95
35) Methylcyclohexane	8.95	83	320927	4.78	ug/L		97
37) 1,2-Dichloropropane	9.00	63	177019	4.43	ug/L		99
38) Bromodichloromethane	9.28	83	207112	4.39	ug/L		99
39) cis-1,3-Dichloropropene	9.72	75	218253	4.86	ug/L		97
40) 4-Methyl-2-pentanone	9.87	43	566534	49.53	ug/L		99
42) Toluene	10.04	91	946846	4.56	ug/L		99
44) trans-1,3-Dichloropropene	10.26	75	143554	4.72	ug/L		98
45) 1,1,2-Trichloroethane	10.45	97	78901	4.44	ug/L		93
47) Tetrachloroethene	10.51	164	158305	4.42	ug/L		97
48) 2-Hexanone	10.63	43	376719	49.21	ug/L		98
49) Dibromochloromethane	10.79	129	95452	4.47	ug/L		98
50) 1,2-Dibromoethane	10.89	107	68410	4.59	ug/L	#	98
51) Chlorobenzene	11.32	112	507166	4.40	ug/L		98
52) Ethylbenzene	11.39	91	1082237	4.72	ug/L		100
53) m,p-Xylene	11.50	106	402714	4.82	ug/L		93
54) o-Xylene	11.83	106	363929	4.81	ug/L		99
55) Styrene	11.84	104	566603	4.70	ug/L		99
56) Isopropylbenzene	12.13	105	1032753	4.91	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.39	83	75848	4.46	ug/L	#	98
59) 1,2,3-Trichloropropane	12.43	75	55663	4.48	ug/L		99
61) Bromoform	12.01	173	36899	4.53	ug/L		100
62) 1,3-Dichlorobenzene	13.16	146	300964	4.56	ug/L		97
63) 1,4-Dichlorobenzene	13.24	146	317007	4.36	ug/L		96
65) 1,2-Dichlorobenzene	13.53	146	251452	4.63	ug/L		97
66) 1,2-Dibromo-3-chloropropan	14.15	75	8568	4.65	ug/L		91
67) 1,3,5-Trichlorobenzene	14.29	180	186858	4.54	ug/L		97
68) 1,2,4-trichlorobenzene	14.79	180	109932	4.81	ug/L		99
69) Naphthalene	15.01	128	109975	4.92	ug/L		99
70) 1,2,3-Trichlorobenzene	15.18	180	79308	4.68	ug/L		97

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

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