Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR080618\
Data File : VR025555.D
Acq On : 6 Aug 2018 13:59
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00590

Quant Time: Aug 06 23:36:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 01 05:08:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	606805	5.00	ug/L		0.00
28) Chlorobenzene-d5	11.29	117	516183	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	245867	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.15	65	147541	3.92	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.40%				
7) Chloroethane-d5	2.63	69	115822	3.91	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.20%				
11) 1,1-Dichloroethene-d2	3.64	63	371321	4.28	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.60%				
20) 2-Butanone-d5	6.60	46	108688	34.97	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 69.94%				
24) Chloroform-d	7.21	84	261043	4.18	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.60%				
26) 1,2-Dichloroethane-d4	7.90	65	87685	4.14	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.80%				
32) Benzene-d6	7.86	84	595081	4.30	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.00%				
36) 1,2-Dichloropropane-d6	8.90	67	149667	4.12	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 82.40%				
41) Toluene-d8	9.97	98	584611	4.29	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.80%				
43) trans-1,3-Dichloropropene-	10.24	79	37561	4.04	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.80%				
46) 2-Hexanone-d5	10.59	63	125885	42.38	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.76%				
57) 1,1,2,2-Tetrachloroethane-	12.36	84	72052	4.38	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.60%				
64) 1,2-Dichlorobenzene-d4	13.51	152	155437	4.14	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 82.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.83	85	184350	5.31	ug/L		96
3) Chloromethane	2.01	50	212676	4.63	ug/L		97
5) Vinyl chloride	2.16	62	214902	4.69	ug/L		96
6) Bromomethane	2.52	94	129137	5.12	ug/L		88
8) Chloroethane	2.66	64	118722	4.66	ug/L		97
9) Trichlorofluoromethane	2.97	101	328795	5.25	ug/L	#	18
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	200312	4.95	ug/L		95
12) 1,1-Dichloroethene	3.65	96	213539	4.93	ug/L		94
13) Acetone	3.71	43	85830	32.86	ug/L		96
14) Carbon disulfide	3.96	76	479257	4.77	ug/L	#	94
15) Methyl Acetate	4.20	43	24746	3.00	ug/L	#	86
16) Methylene chloride	4.41	84	165703	4.53	ug/L		91
17) Methyl tert-butyl Ether	4.90	73	205915	4.73	ug/L		98
18) trans-1,2-Dichloroethene	4.89	96	206446	4.97	ug/L		96
19) 1,1-Dichloroethane	5.70	63	290562	4.78	ug/L		99
21) 2-Butanone	6.69	43	147389	40.61	ug/L		95
22) cis-1,2-Dichloroethene	6.68	96	188666	4.98	ug/L	#	92

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

Instrument : MSVOA_R
ClientSampleId : VSTD00590

Quant Time: Aug 06 23:36:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.05	128	60043	4.77	ug/L		90
25) Chloroform	7.23	83	287005	4.77	ug/L		96
27) 1,2-Dichloroethane	7.99	62	108688	4.54	ug/L		97
29) 1,1,1-Trichloroethane	7.44	97	224339	4.91	ug/L		99
30) Cyclohexane	7.52	56	293475	5.57	ug/L		100
31) Carbon tetrachloride	7.64	117	235184	4.98	ug/L		99
33) Benzene	7.91	78	771731	4.84	ug/L		100
34) Trichloroethene	8.71	95	190628	4.81	ug/L		93
35) Methylcyclohexane	8.96	83	332788	5.58	ug/L		99
37) 1,2-Dichloropropane	8.99	63	153756	4.58	ug/L		99
38) Bromodichloromethane	9.29	83	158192	4.61	ug/L	#	96
39) cis-1,3-Dichloropropene	9.72	75	188057	5.07	ug/L		99
40) 4-Methyl-2-pentanone	9.87	43	451023	47.68	ug/L		100
42) Toluene	10.03	91	858744	5.06	ug/L		97
44) trans-1,3-Dichloropropene	10.27	75	129120	4.99	ug/L		98
45) 1,1,2-Trichloroethane	10.44	97	77876	4.66	ug/L		99
47) Tetrachloroethene	10.52	164	175522	5.17	ug/L		98
48) 2-Hexanone	10.64	43	315074	49.39	ug/L		98
49) Dibromochloromethane	10.78	129	95341	4.83	ug/L		99
50) 1,2-Dibromoethane	10.89	107	69828	5.01	ug/L		99
51) Chlorobenzene	11.31	112	510103	4.97	ug/L		97
52) Ethylbenzene	11.39	91	958309	5.19	ug/L		100
53) m,p-Xylene	11.51	106	383347	5.37	ug/L		95
54) o-Xylene	11.83	106	350953	5.35	ug/L		99
55) Styrene	11.85	104	566948	5.43	ug/L		99
56) Isopropylbenzene	12.13	105	951014	5.51	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.38	83	79511	5.02	ug/L	#	99
59) 1,2,3-Trichloropropane	12.44	75	51578	4.87	ug/L		97
61) Bromoform	12.01	173	41886	4.28	ug/L		99
62) 1,3-Dichlorobenzene	13.16	146	346715	4.88	ug/L		97
63) 1,4-Dichlorobenzene	13.24	146	365995	4.74	ug/L		99
65) 1,2-Dichlorobenzene	13.53	146	287006	4.70	ug/L		99
66) 1,2-Dibromo-3-chloropropan	14.15	75	7228	3.82	ug/L	#	66
67) 1,3,5-Trichlorobenzene	14.29	180	233427	4.83	ug/L		99
68) 1,2,4-trichlorobenzene	14.79	180	151728	4.89	ug/L		99
69) Naphthalene	15.00	128	157819	4.45	ug/L		97
70) 1,2,3-Trichlorobenzene	15.18	180	123420	5.17	ug/L		98

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

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