Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071718\
Data File : VR025485.D
Acq On : 17 Jul 2018 9:38
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00594

Manual Integrations APPROVED
MMDadoda
7/18/2018 5:33:40 PM

Quant Time: Jul 18 00:59:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 17 01:11:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	733521	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	598186	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	231695	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	78336	3.87	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.40%			
7) Chloroethane-d5	2.64	69	63791	3.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 74.00%			
11) 1,1-Dichloroethene-d2	3.64	63	268344	4.38	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.60%			
20) 2-Butanone-d5	6.59	46	239041	38.06	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 76.12%			
24) Chloroform-d	7.21	84	426563	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.40%			
26) 1,2-Dichloroethane-d4	7.89	65	152539	3.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.60%			
32) Benzene-d6	7.86	84	905661	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
36) 1,2-Dichloropropane-d6	8.90	67	244449	4.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.20%			
41) Toluene-d8	9.97	98	835090	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.00%			
43) trans-1,3-Dichloropropene-	10.24	79	63278	4.11	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.20%			
46) 2-Hexanone-d5	10.59	63	208767	41.98	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.96%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	108838	4.19	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.80%			
64) 1,2-Dichlorobenzene-d4	13.51	152	175029	4.58	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	212768	5.13	ug/L	99
3) Chloromethane	2.01	50	115242	4.69	ug/L	93
5) Vinyl chloride	2.15	62	104162	4.72	ug/L	91
6) Bromomethane	2.53	94	62738	4.83	ug/L	92
8) Chloroethane	2.67	64	65347	4.76	ug/L	94
9) Trichlorofluoromethane	2.93	101	200326m	5.55	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	113571	5.17	ug/L	95
12) 1,1-Dichloroethene	3.65	96	105881	4.83	ug/L	91
13) Acetone	3.70	43	125332	44.29	ug/L	99
14) Carbon disulfide	3.96	76	258753	5.19	ug/L	99
15) Methyl Acetate	4.19	43	26183	4.14	ug/L	99
16) Methylene chloride	4.40	84	99385m	4.63	ug/L	
17) Methyl tert-butyl Ether	4.90	73	311342	4.36	ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	265236	4.86	ug/L	94
19) 1,1-Dichloroethane	5.69	63	442502	4.73	ug/L	96
21) 2-Butanone	6.69	43	290713	44.10	ug/L	94
22) cis-1,2-Dichloroethene	6.68	96	258497	5.16	ug/L #	89

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

Instrument : MSVOA_R
ClientSampleId : VSTD00594

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.05	128	73946	4.59	ug/L		98
25) Chloroform	7.23	83	424160	4.72	ug/L		98
27) 1,2-Dichloroethane	7.99	62	177791	4.41	ug/L		97
29) 1,1,1-Trichloroethane	7.43	97	316573	5.20	ug/L		98
30) Cyclohexane	7.52	56	386020	5.91	ug/L		97
31) Carbon tetrachloride	7.64	117	299286	5.56	ug/L		97
33) Benzene	7.91	78	1042384	5.06	ug/L		100
34) Trichloroethene	8.71	95	260936	4.97	ug/L		94
35) Methylcyclohexane	8.96	83	424444	6.05	ug/L		95
37) 1,2-Dichloropropane	8.99	63	225291	4.70	ug/L		99
38) Bromodichloromethane	9.29	83	235376	4.82	ug/L		95
39) cis-1,3-Dichloropropene	9.72	75	271918	5.05	ug/L		99
40) 4-Methyl-2-pentanone	9.86	43	661297	47.61	ug/L		95
42) Toluene	10.03	91	1051674	5.25	ug/L		99
44) trans-1,3-Dichloropropene	10.27	75	194458	4.91	ug/L		98
45) 1,1,2-Trichloroethane	10.44	97	105952	4.51	ug/L		93
47) Tetrachloroethene	10.52	164	181306	5.29	ug/L		97
48) 2-Hexanone	10.64	43	436778	45.71	ug/L		94
49) Dibromochloromethane	10.79	129	119966	4.90	ug/L		94
50) 1,2-Dibromoethane	10.89	107	86454	4.54	ug/L		99
51) Chlorobenzene	11.31	112	601482	4.93	ug/L		98
52) Ethylbenzene	11.39	91	1177936	5.48	ug/L		100
53) m,p-Xylene	11.50	106	438452	5.43	ug/L		95
54) o-Xylene	11.83	106	398515	5.73	ug/L		99
55) Styrene	11.85	104	638977	5.59	ug/L		90
56) Isopropylbenzene	12.13	105	1103505	6.00	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.38	83	104474	4.52	ug/L	#	93
59) 1,2,3-Trichloropropane	12.44	75	75614	4.54	ug/L		97
61) Bromoform	12.01	173	42633	4.52	ug/L		95
62) 1,3-Dichlorobenzene	13.16	146	354925	5.23	ug/L		99
63) 1,4-Dichlorobenzene	13.24	146	378083	5.02	ug/L		98
65) 1,2-Dichlorobenzene	13.53	146	306938	5.20	ug/L		99
66) 1,2-Dibromo-3-chloropropan	14.14	75	10148	3.89	ug/L		85
67) 1,3,5-Trichlorobenzene	14.29	180	238753	5.39	ug/L		100
68) 1,2,4-trichlorobenzene	14.79	180	150375	4.93	ug/L		98
69) Naphthalene	15.00	128	189904	4.87	ug/L		100
70) 1,2,3-Trichlorobenzene	15.18	180	127136	5.41	ug/L		99

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

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