Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061218\
Data File : VV006249.D
Acq On : 12 Jun 2018 16:24
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00562

Manual Integrations APPROVED
sam
6/13/2018 4:24:26 PM

Quant Time: Jun 13 01:29:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 13 01:21:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	291967	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	263056	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	130988	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	78523	4.93	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.60%			
7) Chloroethane-d5	1.58	69	72343	5.67	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 113.40%			
11) 1,1-Dichloroethene-d2	2.13	63	158037	5.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 102.00%			
20) 2-Butanone-d5	3.95	46	212111	62.65	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 125.30%			
24) Chloroform-d	4.41	84	163977	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.20%			
26) 1,2-Dichloroethane-d4	5.09	65	78200	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.80%			
32) Benzene-d6	5.10	84	317984	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
36) 1,2-Dichloropropane-d6	6.12	67	98784	5.20	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.00%			
41) Toluene-d8	7.36	98	291362	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
43) trans-1,3-Dichloropropene-	7.67	79	40422	4.75	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.00%			
46) 2-Hexanone-d5	8.14	63	197633	53.83	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.66%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	73425	5.33	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.60%			
64) 1,2-Dichlorobenzene-d4	11.68	152	119487	5.26	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	109809m	4.939	ug/L	
3) Chloromethane	1.26	50	100646	5.412	ug/L	98
5) Vinyl chloride	1.32	62	118385	5.257	ug/L	100
6) Bromomethane	1.54	94	59459	4.971	ug/L	96
8) Chloroethane	1.60	64	73363	5.829	ug/L	98
9) Trichlorofluoromethane	1.77	101	168669	5.773	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	104995	5.824	ug/L	98
12) 1,1-Dichloroethene	2.14	96	97308	5.808	ug/L	93
13) Acetone	2.21	43	132925	72.448	ug/L	97
14) Carbon disulfide	2.32	76	286205	5.099	ug/L	99
15) Methyl Acetate	2.47	43	35911	6.576	ug/L	97
16) Methylene chloride	2.54	84	106367	5.750	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	239661	5.781	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	107007	5.854	ug/L	96
19) 1,1-Dichloroethane	3.23	63	173469	5.642	ug/L	99
21) 2-Butanone	4.04	43	204258	61.194	ug/L	96
22) cis-1,2-Dichloroethene	3.97	96	110499	5.586	ug/L #	97

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 13 01:21:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.31	128	44107	5.559 ug/L	98
25) Chloroform	4.43	83	178924	5.635 ug/L	98
27) 1,2-Dichloroethane	5.19	62	101506	5.568 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	157280	5.412 ug/L	99
30) Cyclohexane	4.73	56	159697	5.343 ug/L	96
31) Carbon tetrachloride	4.88	117	136804	5.337 ug/L	100
33) Benzene	5.15	78	398647	5.497 ug/L	100
34) Trichloroethene	5.96	95	108583	5.485 ug/L	98
35) Methylcyclohexane	6.18	83	182759	5.371 ug/L	99
37) 1,2-Dichloropropane	6.23	63	95107	5.474 ug/L	100
38) Bromodichloromethane	6.56	83	121686	5.259 ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	149115	5.265 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	496613	55.261 ug/L	98
42) Toluene	7.43	91	439140	5.485 ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	119444	5.200 ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	67730	5.508 ug/L	98
47) Tetrachloroethene	8.02	164	90596	5.718 ug/L	99
48) 2-Hexanone	8.19	43	355435	56.276 ug/L	99
49) Dibromochloromethane	8.30	129	80867	5.223 ug/L	99
50) 1,2-Dibromoethane	8.40	107	63211	5.517 ug/L	100
51) Chlorobenzene	8.93	112	288996	5.623 ug/L	99
52) Ethylbenzene	9.06	91	490290	5.497 ug/L	99
53) m,p-xylene	9.19	106	191028	5.490 ug/L	100
54) o-xylene	9.59	106	188843	5.550 ug/L	97
55) Styrene	9.61	104	307476	5.493 ug/L	99
56) Isopropylbenzene	9.98	105	500426	5.585 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	72163	5.123 ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	54799	5.598 ug/L	99
61) Bromoform	9.78	173	42796	4.815 ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	225878	5.474 ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	224177	5.492 ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	212117	5.571 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	12020	4.804 ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	178542	5.621 ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	138332	5.632 ug/L	100
69) Naphthalene	13.56	128	219597	5.314 ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	127887	5.668 ug/L	99

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

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