Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091719\
Data File : VV012886.D
Acq On : 18 Sep 2019 01:57
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00538

Manual Integrations APPROVED
MMDadoda
9/18/2019 8:10:32 AM

Quant Time: Sep 18 02:33:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 01:09:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	390338	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	386995	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	193857	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	185246	4.80	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.00%			
7) Chloroethane-d5	1.58	69	150232	4.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.60%			
11) 1,1-Dichloroethene-d2	2.13	63	279138	4.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.00%			
20) 2-Butanone-d5	3.99	46	426949	52.77	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.54%			
24) Chloroform-d	4.40	84	313699	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.60%			
26) 1,2-Dichloroethane-d4	5.08	65	160787	5.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.40%			
32) Benzene-d6	5.09	84	637166	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
36) 1,2-Dichloropropane-d6	6.12	67	190822	4.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.80%			
41) Toluene-d8	7.36	98	583394	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.40%			
43) trans-1,3-Dichloropropene-	7.66	79	65336	4.65	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.00%			
46) 2-Hexanone-d5	8.14	63	313767	53.17	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.34%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	151671	5.02	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	201961	4.82	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	143593	5.834	ug/L	99
3) Chloromethane	1.25	50	137900	5.080	ug/L	100
5) Vinyl chloride	1.32	62	153886	4.885	ug/L	99
6) Bromomethane	1.53	94	76410	5.047	ug/L	100
8) Chloroethane	1.60	64	81219	4.908	ug/L	96
9) Trichlorofluoromethane	1.77	101	190115	4.961	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	112621	4.897	ug/L	99
12) 1,1-Dichloroethene	2.14	96	101022	4.831	ug/L	94
13) Acetone	2.27	43	164472m	38.445	ug/L	
14) Carbon disulfide	2.31	76	207587	4.845	ug/L	100
15) Methyl Acetate	2.48	43	53429	4.774	ug/L	93
16) Methylene chloride	2.53	84	120850	4.700	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	305128	5.159	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	110662	4.761	ug/L	97
19) 1,1-Dichloroethane	3.23	63	237854	4.959	ug/L	99
21) 2-Butanone	4.07	43	379200	53.953	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	129297	4.950	ug/L	100

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	58732	5.078 ug/L	97
25) Chloroform	4.42	83	258963	4.792 ug/L	96
27) 1,2-Dichloroethane	5.18	62	151194	5.261 ug/L	100
29) 1,1,1-Trichloroethane	4.65	97	193282	4.807 ug/L	99
30) Cyclohexane	4.72	56	169055	5.041 ug/L	98
31) Carbon tetrachloride	4.87	117	165539	4.860 ug/L	100
33) Benzene	5.14	78	506887	5.048 ug/L	100
34) Trichloroethene	5.96	95	126232	4.881 ug/L	98
35) Methylcyclohexane	6.17	83	168825	4.864 ug/L	99
37) 1,2-Dichloropropane	6.22	63	139127	5.085 ug/L	99
38) Bromodichloromethane	6.55	83	171690	4.821 ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	168777	4.656 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	957507	54.342 ug/L	99
42) Toluene	7.43	91	546465	5.227 ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	140168	4.842 ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	100750	4.913 ug/L	96
47) Tetrachloroethene	8.02	164	101527	4.885 ug/L	98
48) 2-Hexanone	8.19	43	713050	56.007 ug/L	100
49) Dibromochloromethane	8.29	129	116440	4.987 ug/L	99
50) 1,2-Dibromoethane	8.40	107	86435	5.064 ug/L	95
51) Chlorobenzene	8.92	112	351589	4.901 ug/L	99
52) Ethylbenzene	9.05	91	563946	5.030 ug/L	99
53) m,p-xylene	9.18	106	211386	5.112 ug/L	97
54) o-xylene	9.59	106	209595	5.155 ug/L	99
55) Styrene	9.60	104	376271	5.395 ug/L	100
56) Isopropylbenzene	9.97	105	561954	5.151 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	127616	4.969 ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	89515	5.015 ug/L	99
61) Bromoform	9.77	173	65118	4.899 ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	284068	4.903 ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	287804	4.841 ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	278967	4.882 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	17766	4.524 ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	208926	4.612 ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	164041	4.510 ug/L	99
69) Naphthalene	13.55	128	246989	4.494 ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	170879	4.762 ug/L	98

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

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