Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060619\
Data File : VV011321.D
Acq On : 08 Jun 2019 09:04
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00535

Quant Time: Jun 10 06:53:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 10 06:50:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	142014	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	134230	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	57943	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	48811	4.54	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.80%			
7) Chloroethane-d5	1.55	69	41779	4.67	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.40%			
11) 1,1-Dichloroethene-d2	2.12	63	100821	4.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.80%			
20) 2-Butanone-d5	3.94	46	151482	62.53	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 125.06%			
24) Chloroform-d	4.40	84	99505	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.20%			
26) 1,2-Dichloroethane-d4	5.08	65	56924	5.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 111.20%			
32) Benzene-d6	5.09	84	194817	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
36) 1,2-Dichloropropane-d6	6.11	67	60894	4.92	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.40%			
41) Toluene-d8	7.36	98	179428	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.40%			
43) trans-1,3-Dichloropropene-	7.66	79	20334	4.31	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.20%			
46) 2-Hexanone-d5	8.13	63	123028	61.76	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 123.52%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	48575	5.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 115.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	59863	5.23	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	52803	3.770	ug/L	96
3) Chloromethane	1.25	50	63635	4.699	ug/L	99
5) Vinyl chloride	1.32	62	67419	5.160	ug/L	99
6) Bromomethane	1.51	94	20288	2.985	ug/L	95
8) Chloroethane	1.57	64	41452	4.965	ug/L	96
9) Trichlorofluoromethane	1.75	101	82538	4.602	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	36815	3.999	ug/L	99
12) 1,1-Dichloroethene	2.13	96	42715	4.774	ug/L	94
13) Acetone	2.19	43	103423	63.671	ug/L	98
14) Carbon disulfide	2.30	76	119960	4.420	ug/L	99
15) Methyl Acetate	2.46	43	26882	6.231	ug/L	94
16) Methylene chloride	2.52	84	50282	5.454	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	135061	5.655	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	47693	4.761	ug/L	93
19) 1,1-Dichloroethane	3.22	63	100595	5.091	ug/L	100
21) 2-Butanone	4.03	43	162972	65.150	ug/L	95
22) cis-1,2-Dichloroethene	3.95	96	56294	5.074	ug/L	100

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 10 06:50:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.29	128	21465	5.047 ug/L	90
25) Chloroform	4.42	83	103205	5.057 ug/L	99
27) 1,2-Dichloroethane	5.17	62	70517	5.654 ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	78305	4.574 ug/L	99
30) Cyclohexane	4.71	56	64483	3.397 ug/L	100
31) Carbon tetrachloride	4.87	117	60747	4.245 ug/L	99
33) Benzene	5.14	78	211432	4.950 ug/L	100
34) Trichloroethene	5.95	95	49504	4.486 ug/L	97
35) Methylcyclohexane	6.17	83	58301	3.195 ug/L	98
37) 1,2-Dichloropropane	6.22	63	53895	5.070 ug/L	99
38) Bromodichloromethane	6.55	83	65075	4.951 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	67658	4.350 ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	422076	62.348 ug/L	98
42) Toluene	7.43	91	221385	4.863 ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	52873	4.471 ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	38008	5.585 ug/L	95
47) Tetrachloroethene	8.01	164	33606	4.214 ug/L	93
48) 2-Hexanone	8.18	43	295414	62.570 ug/L	99
49) Dibromochloromethane	8.29	129	38429	4.972 ug/L	97
50) 1,2-Dibromoethane	8.40	107	35002	5.411 ug/L	97
51) Chlorobenzene	8.92	112	134953	4.861 ug/L	100
52) Ethylbenzene	9.05	91	227418	4.498 ug/L	98
53) m,p-xylene	9.18	106	83425	4.462 ug/L	97
54) o-xylene	9.59	106	88777	4.839 ug/L	100
55) Styrene	9.60	104	145952	4.884 ug/L	95
56) Isopropylbenzene	9.97	105	208371	4.220 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	49431	5.992 ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	36348	5.862 ug/L	99
61) Bromoform	9.77	173	17244	4.954 ug/L	90
62) 1,3-Dichlorobenzene	11.23	146	93641	4.887 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	89933	4.835 ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	94273	5.323 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	6701	5.280 ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	62011	4.499 ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	49635	4.743 ug/L	96
69) Naphthalene	13.55	128	98396	5.744 ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	50619	5.394 ug/L	95

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

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