Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032119\
Data File : VV009800.D
Acq On : 21 Mar 2019 17:19
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00537

Quant Time: Mar 22 07:56:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Mar 21 15:15:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	115376	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	117898	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58301	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	56307	4.04	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.80%			
7) Chloroethane-d5	1.59	69	51104	4.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.40%			
11) 1,1-Dichloroethene-d2	2.13	63	147188	4.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.00%			
20) 2-Butanone-d5	3.97	46	71969	44.60	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.20%			
24) Chloroform-d	4.40	84	62144	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.60%			
26) 1,2-Dichloroethane-d4	5.08	65	29178	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.20%			
32) Benzene-d6	5.10	84	126804	4.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.80%			
36) 1,2-Dichloropropane-d6	6.12	67	37698	4.13	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 82.60%			
41) Toluene-d8	7.36	98	125531	4.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.80%			
43) trans-1,3-Dichloropropene-	7.67	79	13999	4.11	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.20%			
46) 2-Hexanone-d5	8.14	63	62397	43.06	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.12%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	29112	4.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 82.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	45165	4.26	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	56069	5.387	ug/L	97
3) Chloromethane	1.25	50	79425	5.222	ug/L	99
5) Vinyl chloride	1.32	62	86871	5.189	ug/L	99
6) Bromomethane	1.54	94	58634	5.729	ug/L	98
8) Chloroethane	1.60	64	61367	5.282	ug/L	95
9) Trichlorofluoromethane	1.77	101	190411	5.439	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	96004	5.541	ug/L	97
12) 1,1-Dichloroethene	2.14	96	82389	5.355	ug/L	91
13) Acetone	2.22	43	116596	55.781	ug/L #	50
14) Carbon disulfide	2.32	76	231422	5.440	ug/L	100
15) Methyl Acetate	2.47	43	28979	5.836	ug/L	97
16) Methylene chloride	2.54	84	86259	4.958	ug/L	95
17) Methyl tert-butyl Ether	2.81	73	200789	5.650	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	89073	5.388	ug/L	94
19) 1,1-Dichloroethane	3.23	63	153520	5.349	ug/L	99
21) 2-Butanone	4.05	43	94044	57.264	ug/L	92
22) cis-1,2-Dichloroethene	3.96	96	43089	5.388	ug/L	98

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ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00537

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Mar 21 15:15:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	17019	5.249 ug/L	89
25) Chloroform	4.42	83	77010	5.508 ug/L	95
27) 1,2-Dichloroethane	5.18	62	46022	5.408 ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	65696	5.163 ug/L	96
30) Cyclohexane	4.72	56	69550	5.274 ug/L	98
31) Carbon tetrachloride	4.87	117	57572	5.255 ug/L	98
33) Benzene	5.14	78	172718	5.216 ug/L	100
34) Trichloroethene	5.96	95	43979	5.251 ug/L	95
35) Methylcyclohexane	6.17	83	74646	5.207 ug/L	98
37) 1,2-Dichloropropane	6.22	63	41780	5.048 ug/L #	96
38) Bromodichloromethane	6.56	83	52587	5.373 ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	60410	5.395 ug/L	94
40) 4-Methyl-2-pentanone	7.28	43	263131	54.406 ug/L	95
42) Toluene	7.43	91	198655	5.302 ug/L	97
44) trans-1,3-Dichloropropene	7.69	75	46139	5.154 ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	29827	5.294 ug/L	98
47) Tetrachloroethene	8.02	164	37835	5.231 ug/L	86
48) 2-Hexanone	8.19	43	177339	52.118 ug/L	98
49) Dibromochloromethane	8.29	129	33354	5.121 ug/L	96
50) 1,2-Dibromoethane	8.40	107	26911	5.115 ug/L #	97
51) Chlorobenzene	8.93	112	123611	5.153 ug/L	99
52) Ethylbenzene	9.05	91	219187	5.310 ug/L	97
53) m,p-xylene	9.18	106	82268	5.244 ug/L	96
54) o-xylene	9.59	106	81364	5.310 ug/L	98
55) Styrene	9.60	104	136505	5.479 ug/L	97
56) Isopropylbenzene	9.97	105	218511	5.400 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	37856	5.423 ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	25516	5.307 ug/L	98
61) Bromoform	9.78	173	15998	5.189 ug/L	97
62) 1,3-Dichlorobenzene	11.22	146	96269	5.189 ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	98301	5.237 ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	89169	5.107 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	4685	5.018 ug/L #	89
67) 1,3,5-Trichlorobenzene	12.69	180	71859	5.116 ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	56985	5.412 ug/L	95
69) Naphthalene	13.56	128	87060	5.266 ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	54121	5.538 ug/L	96

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

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