Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101219\
Data File : VU035138.D
Acq On : 12 Oct 2019 11:47
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 65 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00517

Quant Time: Oct 15 17:03:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 15:10:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	156071	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	160239	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	81122	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	43275	4.69	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.80%			
7) Chloroethane-d5	1.67	69	41974	4.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.40%			
11) 1,1-Dichloroethene-d2	2.26	63	93164	4.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.80%			
20) 2-Butanone-d5	4.17	46	150200	55.28	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.56%			
24) Chloroform-d	4.62	84	86879	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.80%			
26) 1,2-Dichloroethane-d4	5.29	65	49785	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
32) Benzene-d6	5.32	84	169426	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.20%			
36) 1,2-Dichloropropane-d6	6.31	67	60041	4.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.60%			
41) Toluene-d8	7.55	98	157707	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.80%			
43) trans-1,3-Dichloropropene-	7.83	79	19518	4.32	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.40%			
46) 2-Hexanone-d5	8.30	63	108846	50.63	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.26%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	54734	5.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.40%			
64) 1,2-Dichlorobenzene-d4	11.84	152	62231	4.55	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	68590	4.809	ug/L	99
3) Chloromethane	1.32	50	74870	4.785	ug/L	98
5) Vinyl chloride	1.40	62	74766	4.865	ug/L	100
6) Bromomethane	1.62	94	33166	3.882	ug/L	91
8) Chloroethane	1.69	64	46256	5.018	ug/L	94
9) Trichlorofluoromethane	1.88	101	95885	5.159	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	52333	4.904	ug/L	97
12) 1,1-Dichloroethene	2.27	96	49888	4.976	ug/L	83
13) Acetone	2.31	43	115044	51.702	ug/L	94
14) Carbon disulfide	2.47	76	153367	4.597	ug/L	100
15) Methyl Acetate	2.61	43	31239	5.274	ug/L	94
16) Methylene chloride	2.68	84	59419	4.788	ug/L	84
17) Methyl tert-butyl Ether	2.99	73	141616	5.178	ug/L	96
18) trans-1,2-Dichloroethene	2.96	96	51157	4.766	ug/L	90
19) 1,1-Dichloroethane	3.42	63	111024	5.204	ug/L	98
21) 2-Butanone	4.25	43	167130	52.743	ug/L	94
22) cis-1,2-Dichloroethene	4.20	96	60704	5.070	ug/L	93

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 15:10:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.53	128	26622	5.305 ug/L	93
25) Chloroform	4.65	83	119400	4.981 ug/L	97
27) 1,2-Dichloroethane	5.39	62	70608	5.043 ug/L	99
29) 1,1,1-Trichloroethane	4.89	97	88938	4.942 ug/L	97
30) Cyclohexane	4.97	56	87699	4.432 ug/L	96
31) Carbon tetrachloride	5.11	117	78342	5.020 ug/L	100
33) Benzene	5.37	78	236515	4.900 ug/L	100
34) Trichloroethene	6.16	95	59613	4.789 ug/L	99
35) Methylcyclohexane	6.39	83	86384	4.285 ug/L	96
37) 1,2-Dichloropropane	6.41	63	68497	5.261 ug/L	99
38) Bromodichloromethane	6.74	83	76656	5.022 ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	79014	4.480 ug/L	98
40) 4-Methyl-2-pentanone	7.44	43	414428	50.573 ug/L	96
42) Toluene	7.62	91	258001	5.121 ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	62719	4.591 ug/L	98
45) 1,1,2-Trichloroethane	8.05	97	44669	5.167 ug/L	94
47) Tetrachloroethene	8.21	164	47175	4.682 ug/L	95
48) 2-Hexanone	8.35	43	290656	51.732 ug/L	95
49) Dibromochloromethane	8.46	129	51700	5.174 ug/L	95
50) 1,2-Dibromoethane	8.57	107	41717	5.049 ug/L	99
51) Chlorobenzene	9.10	112	160813	4.925 ug/L	97
52) Ethylbenzene	9.23	91	266335	4.786 ug/L	100
53) m,p-Xylene	9.36	106	97701	4.753 ug/L	97
54) o-Xylene	9.76	106	97339	4.842 ug/L	97
55) Styrene	9.77	104	168370	5.172 ug/L	100
56) Isopropylbenzene	10.15	105	260654	4.867 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	60917	5.181 ug/L	98
59) 1,2,3-Trichloropropane	10.48	75	42850	5.084 ug/L	98
61) Bromoform	9.94	173	28489	5.120 ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	123494	4.942 ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	123830	4.910 ug/L	98
65) 1,2-Dichlorobenzene	11.86	146	118091	4.897 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.64	75	8069	5.265 ug/L	93
67) 1,3,5-Trichlorobenzene	12.87	180	76379	4.514 ug/L	98
68) 1,2,4-trichlorobenzene	13.48	180	51155	4.048 ug/L	99
69) Naphthalene	13.72	128	67780	3.449 ug/L	100
70) 1,2,3-Trichlorobenzene	13.96	180	53401	4.345 ug/L	98

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

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