Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091819\
Data File : VU034623.D
Acq On : 17 Sep 2019 18:26
Operator : JC/SP
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV02

Quant Time: Sep 18 08:02:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 17 18:25:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	109859	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	103409	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	47603	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	42442	4.86	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.20%			
7) Chloroethane-d5	1.67	69	34179	4.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.40%			
11) 1,1-Dichloroethene-d2	2.26	63	77526	5.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.40%			
20) 2-Butanone-d5	4.17	46	109141	50.79	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.58%			
24) Chloroform-d	4.62	84	64203	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
26) 1,2-Dichloroethane-d4	5.29	65	36216	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%			
32) Benzene-d6	5.31	84	138406	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
36) 1,2-Dichloropropane-d6	6.31	67	46092	4.96	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.20%			
41) Toluene-d8	7.54	98	128604	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.00%			
43) trans-1,3-Dichloropropene-	7.83	79	19091	5.08	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.60%			
46) 2-Hexanone-d5	8.30	63	85844	51.34	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.68%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	36512	5.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.20%			
64) 1,2-Dichlorobenzene-d4	11.84	152	40176	4.90	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	43428	5.220	ug/L	100
3) Chloromethane	1.32	50	40670	5.184	ug/L	93
5) Vinyl chloride	1.40	62	40908	4.978	ug/L	99
6) Bromomethane	1.62	94	20768	5.069	ug/L	94
8) Chloroethane	1.69	64	24698	5.156	ug/L	99
9) Trichlorofluoromethane	1.87	101	57032	5.236	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	32763	5.354	ug/L	97
12) 1,1-Dichloroethene	2.27	96	28023	5.172	ug/L	96
13) Acetone	2.31	43	79901	48.127	ug/L	99
14) Carbon disulfide	2.46	76	73020	5.257	ug/L	98
15) Methyl Acetate	2.60	43	20885	5.154	ug/L	97
16) Methylene chloride	2.68	84	33477	4.644	ug/L	99
17) Methyl tert-butyl Ether	2.99	73	96428	5.082	ug/L	99
18) trans-1,2-Dichloroethene	2.96	96	29555	5.249	ug/L	95
19) 1,1-Dichloroethane	3.42	63	70921	5.160	ug/L	97
21) 2-Butanone	4.26	43	132110	55.275	ug/L	95
22) cis-1,2-Dichloroethene	4.20	96	38204	5.072	ug/L	91

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV02

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 17 18:25:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.52	128	14983	5.397 ug/L	99
25) Chloroform	4.65	83	77291	5.027 ug/L	94
27) 1,2-Dichloroethane	5.38	62	46112	5.213 ug/L #	94
29) 1,1,1-Trichloroethane	4.89	97	56885	5.218 ug/L	99
30) Cyclohexane	4.96	56	59663	5.206 ug/L	97
31) Carbon tetrachloride	5.11	117	46201	5.208 ug/L	98
33) Benzene	5.36	78	149749	5.356 ug/L	100
34) Trichloroethene	6.16	95	37931	5.442 ug/L	97
35) Methylcyclohexane	6.39	83	57539	5.111 ug/L	100
37) 1,2-Dichloropropane	6.41	63	42824	4.961 ug/L #	97
38) Bromodichloromethane	6.74	83	54436	5.270 ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	63023	5.185 ug/L	96
40) 4-Methyl-2-pentanone	7.44	43	346217	53.211 ug/L	100
42) Toluene	7.61	91	155623	5.150 ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	49982	5.069 ug/L	95
45) 1,1,2-Trichloroethane	8.05	97	28714	5.230 ug/L	98
47) Tetrachloroethene	8.20	164	22328	5.284 ug/L	96
48) 2-Hexanone	8.35	43	248656	56.864 ug/L	98
49) Dibromochloromethane	8.46	129	33583	5.215 ug/L	90
50) 1,2-Dibromoethane	8.57	107	26169	5.227 ug/L	98
51) Chlorobenzene	9.10	112	100186	5.290 ug/L	98
52) Ethylbenzene	9.23	91	186762	5.346 ug/L	100
53) m,p-Xylene	9.35	106	67112	5.418 ug/L	97
54) o-Xylene	9.76	106	65313	5.248 ug/L	96
55) Styrene	9.77	104	112786	5.456 ug/L	98
56) Isopropylbenzene	10.14	105	178511	5.163 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	43220	5.332 ug/L	98
59) 1,2,3-Trichloropropane	10.47	75	28979	5.139 ug/L	100
61) Bromoform	9.94	173	15986	5.084 ug/L	97
62) 1,3-Dichlorobenzene	11.39	146	74961	5.364 ug/L	99
63) 1,4-Dichlorobenzene	11.48	146	74340	5.329 ug/L	98
65) 1,2-Dichlorobenzene	11.85	146	73160	5.349 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	7102	5.733 ug/L	87
67) 1,3,5-Trichlorobenzene	12.86	180	51414	5.629 ug/L	100
68) 1,2,4-trichlorobenzene	13.48	180	44318	6.085 ug/L	97
69) Naphthalene	13.72	128	109498	6.173 ug/L	97
70) 1,2,3-Trichlorobenzene	13.97	180	40658	5.959 ug/L	97

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

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