Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121019\
Data File : VU036097.D
Acq On : 10 Dec 2019 21:13
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00529

Quant Time: Dec 11 07:28:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 11 06:27:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	325833	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	344588	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	175088	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	147823	5.09	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.80%			
7) Chloroethane-d5	1.93	69	133785	4.39	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.80%			
11) 1,1-Dichloroethene-d2	2.59	63	214515	4.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.80%			
20) 2-Butanone-d5	4.69	46	292038	59.01	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.02%			
24) Chloroform-d	5.11	84	235891	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.00%			
26) 1,2-Dichloroethane-d4	5.75	65	119361	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
32) Benzene-d6	5.77	84	466055	5.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.80%			
36) 1,2-Dichloropropane-d6	6.73	67	144479	5.49	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.80%			
41) Toluene-d8	7.93	98	442445	5.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.80%			
43) trans-1,3-Dichloropropene-	8.21	79	57442	5.24	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 104.80%			
46) 2-Hexanone-d5	8.67	63	264569	66.70	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 133.40%#			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	132095	5.46	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	164982	4.90	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	157841	4.928	ug/L	95
3) Chloromethane	1.54	50	165342	5.287	ug/L	99
5) Vinyl chloride	1.62	62	195114	5.980	ug/L	98
6) Bromomethane	1.87	94	106480	4.061	ug/L	100
8) Chloroethane	1.95	64	120552	4.856	ug/L	99
9) Trichlorofluoromethane	2.16	101	257860	4.539	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	133454	4.233	ug/L	98
12) 1,1-Dichloroethene	2.61	96	119382	4.211	ug/L	91
13) Acetone	2.67	43	224830	35.789	ug/L	99
14) Carbon disulfide	2.82	76	370492	4.562	ug/L	100
15) Methyl Acetate	3.00	43	50514	5.446	ug/L	99
16) Methylene chloride	3.08	84	151618	4.605	ug/L	97
17) Methyl tert-butyl Ether	3.42	73	268168	5.495	ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	126441	5.225	ug/L	98
19) 1,1-Dichloroethane	3.92	63	233589	5.379	ug/L	99
21) 2-Butanone	4.77	43	337497	53.675	ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	135816	5.348	ug/L	96

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00529

Quant Time: Dec 11 07:28:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 11 06:27:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	68603	5.225	ug/L	98
25) Chloroform	5.14	83	252627	5.220	ug/L	96
27) 1,2-Dichloroethane	5.84	62	150996	5.280	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	208571	5.370	ug/L	99
30) Cyclohexane	5.43	56	172284	5.650	ug/L	98
31) Carbon tetrachloride	5.57	117	187324	5.334	ug/L	99
33) Benzene	5.82	78	531676	5.645	ug/L	100
34) Trichloroethene	6.58	95	135576	5.422	ug/L	98
35) Methylcyclohexane	6.80	83	184644	5.504	ug/L	98
37) 1,2-Dichloropropane	6.83	63	133894	5.667	ug/L	99
38) Bromodichloromethane	7.14	83	177542	5.591	ug/L	99
39) cis-1,3-Dichloropropene	7.65	75	182135	5.673	ug/L	98
40) 4-Methyl-2-pentanone	7.84	43	766152	62.090	ug/L	100
42) Toluene	8.00	91	584204	5.784	ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	153896	5.545	ug/L	99
45) 1,1,2-Trichloroethane	8.44	97	105694	5.683	ug/L	98
47) Tetrachloroethene	8.58	164	122284	5.144	ug/L	95
48) 2-Hexanone	8.73	43	602587	68.074	ug/L	98
49) Dibromochloromethane	8.84	129	133684	5.415	ug/L	100
50) 1,2-Dibromoethane	8.96	107	100960	5.613	ug/L	97
51) Chlorobenzene	9.48	112	369752	5.253	ug/L	98
52) Ethylbenzene	9.60	91	556854	5.262	ug/L	99
53) m,p-Xylene	9.72	106	219995	5.221	ug/L	99
54) o-Xylene	10.13	106	211001	5.333	ug/L	97
55) Styrene	10.14	104	376317	5.546	ug/L	96
56) Isopropylbenzene	10.51	105	544066	5.212	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	134091	5.453	ug/L	100
59) 1,2,3-Trichloropropane	10.85	75	97692	5.785	ug/L	96
61) Bromoform	10.32	173	80211	4.603	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	299474	5.229	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	296306	5.251	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	282904	4.999	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	18852	5.303	ug/L	93
67) 1,3,5-Trichlorobenzene	13.24	180	202319	5.214	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	111353	5.404	ug/L	98
69) Naphthalene	14.11	128	101891	5.138	ug/L	98
70) 1,2,3-Trichlorobenzene	14.35	180	108695	5.502	ug/L	99

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

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