Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021920\
Data File : VU036842.D
Acq On : 19 Feb 2020 11:23
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00524

Quant Time: Feb 20 04:43:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 19 13:22:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	109466	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	101347	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	46194	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	49987	5.31	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.20%			
7) Chloroethane-d5	1.93	69	46573	5.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 114.00%			
11) 1,1-Dichloroethene-d2	2.59	63	82789	5.26	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 105.20%			
20) 2-Butanone-d5	4.68	46	117792	59.67	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 119.34%			
24) Chloroform-d	5.11	84	85403	5.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 117.60%			
26) 1,2-Dichloroethane-d4	5.74	65	45586	5.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.60%			
32) Benzene-d6	5.76	84	176628	5.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 114.60%			
36) 1,2-Dichloropropane-d6	6.73	67	56410	5.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 115.40%			
41) Toluene-d8	7.93	98	164871	5.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 115.00%			
43) trans-1,3-Dichloropropene-	8.21	79	20585	5.42	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 108.40%			
46) 2-Hexanone-d5	8.66	63	98618	56.81	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.62%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	43865	5.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 113.80%			
64) 1,2-Dichlorobenzene-d4	12.21	152	51114	5.54	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	38986	5.393	ug/L	98
3) Chloromethane	1.54	50	42910	5.703	ug/L	98
5) Vinyl chloride	1.62	62	47741	5.432	ug/L	99
6) Bromomethane	1.87	94	23857	4.517	ug/L	96
8) Chloroethane	1.95	64	31411	5.116	ug/L	99
9) Trichlorofluoromethane	2.16	101	59482	5.144	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	38596	5.227	ug/L	99
12) 1,1-Dichloroethene	2.60	96	34666	5.206	ug/L	92
13) Acetone	2.67	43	140393	55.614	ug/L	99
14) Carbon disulfide	2.82	76	79966	4.977	ug/L	100
15) Methyl Acetate	2.99	43	17605	5.256	ug/L	100
16) Methylene chloride	3.08	84	44719	3.984	ug/L	98
17) Methyl tert-butyl Ether	3.41	73	103371	5.242	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	36821	5.359	ug/L	99
19) 1,1-Dichloroethane	3.91	63	78733	5.464	ug/L	99
21) 2-Butanone	4.76	43	165685	56.422	ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	46473	5.589	ug/L	99

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00524

Quant Time: Feb 20 04:43:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 19 13:22:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.02	128	17889	5.412 ug/L	96
25) Chloroform	5.13	83	80543	5.234 ug/L	100
27) 1,2-Dichloroethane	5.84	62	52830	5.386 ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	59537	5.349 ug/L	97
30) Cyclohexane	5.43	56	62850	5.316 ug/L	98
31) Carbon tetrachloride	5.56	117	46082	5.132 ug/L	95
33) Benzene	5.81	78	172701	5.525 ug/L	100
34) Trichloroethene	6.57	95	43965	5.522 ug/L	96
35) Methylcyclohexane	6.80	83	66379	5.254 ug/L	97
37) 1,2-Dichloropropane	6.83	63	47364	5.549 ug/L	99
38) Bromodichloromethane	7.14	83	56774	5.574 ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	65442	5.299 ug/L	97
40) 4-Methyl-2-pentanone	7.83	43	305349	55.438 ug/L	100
42) Toluene	8.00	91	186591	5.558 ug/L	97
44) trans-1,3-Dichloropropene	8.24	75	52920	5.483 ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	33499	5.641 ug/L	95
47) Tetrachloroethene	8.58	164	28615	5.283 ug/L	95
48) 2-Hexanone	8.72	43	263267	55.853 ug/L	98
49) Dibromochloromethane	8.83	129	34171	5.564 ug/L	94
50) 1,2-Dibromoethane	8.95	107	29530	5.506 ug/L	97
51) Chlorobenzene	9.47	112	111039	5.346 ug/L	99
52) Ethylbenzene	9.59	91	201407	5.371 ug/L	99
53) m,p-Xylene	9.72	106	75093	5.442 ug/L	96
54) o-Xylene	10.12	106	73800	5.446 ug/L	97
55) Styrene	10.14	104	124246	5.439 ug/L	98
56) Isopropylbenzene	10.51	105	197011	5.432 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	43815	5.637 ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	31152	5.528 ug/L	99
61) Bromoform	10.31	173	17058	5.360 ug/L	96
62) 1,3-Dichlorobenzene	11.76	146	83858	5.269 ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	83710	5.306 ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	81379	5.304 ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	6507	5.683 ug/L	93
67) 1,3,5-Trichlorobenzene	13.25	180	59177	5.281 ug/L	99
68) 1,2,4-trichlorobenzene	13.88	180	44626	5.282 ug/L	94
69) Naphthalene	14.12	128	74523	4.868 ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	41138	5.425 ug/L	98

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

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