Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082120\
Data File : VU039920.D
Acq On : 21 Aug 2020 10:06
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00528

Quant Time: Aug 22 00:37:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 21 13:27:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	84669	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	83312	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	43676	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	29367	3.98	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.60%			
7) Chloroethane-d5	1.92	69	28188	4.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.20%			
11) 1,1-Dichloroethene-d2	2.58	63	58476	4.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.80%			
20) 2-Butanone-d5	4.66	46	105772	44.75	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.50%			
24) Chloroform-d	5.08	84	58836	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.20%			
26) 1,2-Dichloroethane-d4	5.72	65	33187	4.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.00%			
32) Benzene-d6	5.74	84	109175	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.00%			
36) 1,2-Dichloropropane-d6	6.70	67	37441	4.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.40%			
41) Toluene-d8	7.90	98	93205	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.80%			
43) trans-1,3-Dichloropropene-	8.18	79	15485	4.51	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.20%			
46) 2-Hexanone-d5	8.64	63	80270	46.07	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.14%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	31978	4.40	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	39380	4.57	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	41421	4.706	ug/L	99
3) Chloromethane	1.53	50	43096	4.328	ug/L	96
5) Vinyl chloride	1.61	62	45097	4.787	ug/L	99
6) Bromomethane	1.87	94	25367	4.717	ug/L	98
8) Chloroethane	1.94	64	28795	4.780	ug/L	95
9) Trichlorofluoromethane	2.15	101	68103	4.833	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	36986	4.771	ug/L	94
12) 1,1-Dichloroethene	2.59	96	35153	4.747	ug/L	89
13) Acetone	2.66	43	77312	47.871	ug/L #	45
14) Carbon disulfide	2.81	76	110318	4.609	ug/L	99
15) Methyl Acetate	2.98	43	18332	4.422	ug/L	98
16) Methylene chloride	3.06	84	41282	4.054	ug/L	94
17) Methyl tert-butyl Ether	3.38	73	92652	4.961	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	35979	4.678	ug/L	86
19) 1,1-Dichloroethane	3.89	63	68980	4.838	ug/L	98
21) 2-Butanone	4.74	43	125287	44.648	ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	38798	4.819	ug/L	99

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00528

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 21 13:27:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	17654	4.662 ug/L	93
25) Chloroform	5.11	83	70543	4.881 ug/L	94
27) 1,2-Dichloroethane	5.81	62	46166	4.552 ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	60690	4.952 ug/L	98
30) Cyclohexane	5.40	56	63050	5.197 ug/L	99
31) Carbon tetrachloride	5.54	117	53562	4.950 ug/L	97
33) Benzene	5.79	78	155791	5.145 ug/L	100
34) Trichloroethene	6.55	95	37804	4.811 ug/L	95
35) Methylcyclohexane	6.77	83	61762	5.131 ug/L	99
37) 1,2-Dichloropropane	6.80	63	39873	4.956 ug/L	98
38) Bromodichloromethane	7.11	83	50672	4.956 ug/L	97
39) cis-1,3-Dichloropropene	7.61	75	58497	5.202 ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	297714	46.723 ug/L	99
42) Toluene	7.97	91	155974	5.037 ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	52014	4.923 ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	30117	4.926 ug/L	99
47) Tetrachloroethene	8.56	164	29604	5.107 ug/L	93
48) 2-Hexanone	8.69	43	212106	46.451 ug/L	100
49) Dibromochloromethane	8.81	129	34846	4.774 ug/L	98
50) 1,2-Dibromoethane	8.93	107	28352	4.870 ug/L	100
51) Chlorobenzene	9.45	112	100759	4.984 ug/L	98
52) Ethylbenzene	9.57	91	165686	4.919 ug/L	98
53) m,p-Xylene	9.69	106	66964	5.180 ug/L	98
54) o-Xylene	10.10	106	62801	5.139 ug/L	98
55) Styrene	10.11	104	106915	5.047 ug/L	99
56) Isopropylbenzene	10.48	105	164653	5.027 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	35849	4.541 ug/L	94
59) 1,2,3-Trichloropropane	10.82	75	27046	4.692 ug/L	97
61) Bromoform	10.29	173	19200	4.991 ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	80695	4.990 ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	82435	5.007 ug/L	99
65) 1,2-Dichlorobenzene	12.20	146	76291	4.889 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	6272	4.915 ug/L	95
67) 1,3,5-Trichlorobenzene	13.21	180	60855	5.067 ug/L	96
68) 1,2,4-trichlorobenzene	13.83	180	52182	5.093 ug/L	98
69) Naphthalene	14.08	128	95248	5.033 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	46063	4.811 ug/L	96

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

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