Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081720\
Data File : VU039877.D
Acq On : 17 Aug 2020 10:22
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00523

Quant Time: Aug 18 04:21:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 17 05:23:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	83181	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	83197	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45383	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	19327	4.30	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.00%			
7) Chloroethane-d5	1.92	69	19796	4.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.60%			
11) 1,1-Dichloroethene-d2	2.58	63	45172	4.99	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.80%			
20) 2-Butanone-d5	4.66	46	107187	54.26	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.52%			
24) Chloroform-d	5.08	84	52692	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.00%			
26) 1,2-Dichloroethane-d4	5.72	65	30770	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.20%			
32) Benzene-d6	5.74	84	85506	4.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.40%			
36) 1,2-Dichloropropane-d6	6.70	67	29923	4.41	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.20%			
41) Toluene-d8	7.90	98	74444	4.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.80%			
43) trans-1,3-Dichloropropene-	8.19	79	12959	4.98	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.60%			
46) 2-Hexanone-d5	8.64	63	80438	57.19	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 114.38%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	32828	4.98	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	36497	4.70	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	35314	5.265	ug/L	97
3) Chloromethane	1.53	50	38864	5.509	ug/L	95
5) Vinyl chloride	1.61	62	37897	5.603	ug/L	98
6) Bromomethane	1.86	94	20775	4.854	ug/L	100
8) Chloroethane	1.94	64	22710	4.579	ug/L	96
9) Trichlorofluoromethane	2.15	101	53598	5.096	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	31246	5.475	ug/L	96
12) 1,1-Dichloroethene	2.59	96	27689	5.580	ug/L	94
13) Acetone	2.67	43	62751	53.879	ug/L	79
14) Carbon disulfide	2.81	76	93658	6.037	ug/L	99
15) Methyl Acetate	2.97	43	15356	5.346	ug/L	100
16) Methylene chloride	3.06	84	34229	4.279	ug/L	99
17) Methyl tert-butyl Ether	3.38	73	72714	5.519	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	29197	5.285	ug/L	96
19) 1,1-Dichloroethane	3.89	63	53579	5.254	ug/L	98
21) 2-Butanone	4.74	43	109960	59.911	ug/L	97
22) cis-1,2-Dichloroethene	4.68	96	31207	5.194	ug/L	99

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Data File : VU039877.D
Acq On : 17 Aug 2020 10:22
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00523

Quant Time: Aug 18 04:21:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 17 05:23:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	14597	5.172 ug/L	87
25) Chloroform	5.11	83	56157	5.122 ug/L	95
27) 1,2-Dichloroethane	5.81	62	38878	5.146 ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	50277	5.418 ug/L	95
30) Cyclohexane	5.40	56	48422	5.422 ug/L	98
31) Carbon tetrachloride	5.54	117	43490	5.107 ug/L	96
33) Benzene	5.79	78	119991	5.293 ug/L	100
34) Trichloroethene	6.55	95	30674	5.210 ug/L	98
35) Methylcyclohexane	6.77	83	49636	5.282 ug/L	96
37) 1,2-Dichloropropane	6.80	63	31745	5.273 ug/L	98
38) Bromodichloromethane	7.11	83	41923	5.322 ug/L	98
39) cis-1,3-Dichloropropene	7.61	75	45209	5.506 ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	260678	57.939 ug/L	99
42) Toluene	7.97	91	123938	5.203 ug/L	97
44) trans-1,3-Dichloropropene	8.21	75	42073	5.688 ug/L	92
45) 1,1,2-Trichloroethane	8.41	97	24008	5.301 ug/L	97
47) Tetrachloroethene	8.56	164	25143	5.177 ug/L	95
48) 2-Hexanone	8.69	43	192437	59.231 ug/L	98
49) Dibromochloromethane	8.81	129	29012	5.220 ug/L	94
50) 1,2-Dibromoethane	8.93	107	24656	5.552 ug/L	95
51) Chlorobenzene	9.45	112	80774	5.046 ug/L	98
52) Ethylbenzene	9.57	91	133826	5.020 ug/L	98
53) m,p-Xylene	9.70	106	54173	5.336 ug/L	100
54) o-Xylene	10.10	106	51404	5.171 ug/L	88
55) Styrene	10.11	104	88404	5.281 ug/L	98
56) Isopropylbenzene	10.48	105	134235	5.052 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	32894	5.280 ug/L	96
59) 1,2,3-Trichloropropane	10.82	75	24193	5.571 ug/L	97
61) Bromoform	10.29	173	17002	5.545 ug/L #	88
62) 1,3-Dichlorobenzene	11.74	146	70094	5.277 ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	70549	5.038 ug/L	99
65) 1,2-Dichlorobenzene	12.20	146	66543	5.085 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	5292	5.349 ug/L	92
67) 1,3,5-Trichlorobenzene	13.21	180	51897	5.155 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	46963	5.567 ug/L	99
69) Naphthalene	14.08	128	84154	5.579 ug/L	96
70) 1,2,3-Trichlorobenzene	14.32	180	42973	5.678 ug/L	99

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

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