Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061320\
Data File : VU038882.D
Acq On : 13 Jun 2020 05:31
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00523

Quant Time: Jun 13 06:10:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 13 02:52:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	245247	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	232022	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	118200	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	64062	4.79	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.80%			
7) Chloroethane-d5	1.93	69	65016	6.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 121.00%			
11) 1,1-Dichloroethene-d2	2.59	63	158084	5.20	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 104.00%			
20) 2-Butanone-d5	4.68	46	254230	60.60	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 121.20%			
24) Chloroform-d	5.10	84	158772	5.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.40%			
26) 1,2-Dichloroethane-d4	5.74	65	92603	5.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.80%			
32) Benzene-d6	5.76	84	293839	5.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.40%			
36) 1,2-Dichloropropane-d6	6.72	67	91700	5.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 113.00%			
41) Toluene-d8	7.92	98	261737	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.20%			
43) trans-1,3-Dichloropropene-	8.20	79	38515	5.35	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 107.00%			
46) 2-Hexanone-d5	8.65	63	211292	66.02	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 132.04%#			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	83613	5.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 117.80%			
64) 1,2-Dichlorobenzene-d4	12.20	152	96601	5.02	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	107692	4.508	ug/L	99
3) Chloromethane	1.53	50	104737	5.315	ug/L	100
5) Vinyl chloride	1.62	62	104746	5.003	ug/L	99
6) Bromomethane	1.87	94	65569	5.458	ug/L	99
8) Chloroethane	1.95	64	83838	6.483	ug/L	99
9) Trichlorofluoromethane	2.16	101	177620	5.716	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	83357	4.690	ug/L	99
12) 1,1-Dichloroethene	2.60	96	87293	5.082	ug/L	92
13) Acetone	2.69	43	212368	62.399	ug/L	90
14) Carbon disulfide	2.82	76	285809	4.888	ug/L	100
15) Methyl Acetate	2.99	43	47790	5.748	ug/L	99
16) Methylene chloride	3.08	84	119653	6.059	ug/L	98
17) Methyl tert-butyl Ether	3.40	73	247386	5.590	ug/L	99
18) trans-1,2-Dichloroethene	3.38	96	94628	5.131	ug/L	99
19) 1,1-Dichloroethane	3.91	63	181181	5.459	ug/L	97
21) 2-Butanone	4.76	43	325111	58.152	ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	99854	5.199	ug/L	99

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00523

Quant Time: Jun 13 06:10:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 13 02:52:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.01	128	50277	5.583 ug/L	97
25) Chloroform	5.12	83	183688	5.368 ug/L	99
27) 1,2-Dichloroethane	5.83	62	135257	5.669 ug/L	97
29) 1,1,1-Trichloroethane	5.35	97	148957	5.202 ug/L	99
30) Cyclohexane	5.42	56	124826	4.498 ug/L	99
31) Carbon tetrachloride	5.56	117	117409	4.857 ug/L	100
33) Benzene	5.81	78	379948	5.419 ug/L	100
34) Trichloroethene	6.57	95	92793	5.068 ug/L	98
35) Methylcyclohexane	6.79	83	122701	4.310 ug/L	97
37) 1,2-Dichloropropane	6.82	63	99714	5.646 ug/L	100
38) Bromodichloromethane	7.13	83	134537	5.872 ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	136162	5.201 ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	748388	63.316 ug/L	99
42) Toluene	7.99	91	378904	5.119 ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	124472	5.338 ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	83039	6.165 ug/L	97
47) Tetrachloroethene	8.57	164	65053	4.615 ug/L	96
48) 2-Hexanone	8.71	43	576324	63.472 ug/L	98
49) Dibromochloromethane	8.83	129	88976	5.917 ug/L	98
50) 1,2-Dibromoethane	8.94	107	75442	5.738 ug/L	98
51) Chlorobenzene	9.47	112	237491	4.982 ug/L	98
52) Ethylbenzene	9.59	91	385175	4.724 ug/L	100
53) m,p-Xylene	9.71	106	150487	4.884 ug/L	97
54) o-Xylene	10.11	106	147726	4.993 ug/L	98
55) Styrene	10.13	104	260802	5.123 ug/L	99
56) Isopropylbenzene	10.50	105	370233	4.682 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	98614	5.888 ug/L	100
59) 1,2,3-Trichloropropane	10.84	75	78471	5.989 ug/L	99
61) Bromoform	10.31	173	49759	5.845 ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	186814	4.896 ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	189320	4.864 ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	182613	5.087 ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	19043	6.541 ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	132941	4.756 ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	124672	5.040 ug/L	97
69) Naphthalene	14.11	128	264211	5.627 ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	122875	5.434 ug/L	97

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

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