Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092320\
Data File : VU040254.D
Acq On : 23 Sep 2020 10:19
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00517

Quant Time: Sep 24 02:21:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 22 16:35:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	166683	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	168446	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	88153	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	51276	5.63	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 112.60%			
7) Chloroethane-d5	1.92	69	45697	6.03	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 120.60%			
11) 1,1-Dichloroethene-d2	2.58	63	118631	5.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.60%			
20) 2-Butanone-d5	4.65	46	190105	52.22	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.44%			
24) Chloroform-d	5.08	84	112399	5.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.80%			
26) 1,2-Dichloroethane-d4	5.72	65	65171	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.40%			
32) Benzene-d6	5.74	84	206495	5.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.00%			
36) 1,2-Dichloropropane-d6	6.70	67	66113	5.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.00%			
41) Toluene-d8	7.90	98	188789	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.20%			
43) trans-1,3-Dichloropropene-	8.18	79	28199	4.74	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.80%			
46) 2-Hexanone-d5	8.64	63	142084	50.37	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.74%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	56285	5.02	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	73183	5.13	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	74530	4.505	ug/L	98
3) Chloromethane	1.52	50	70608	4.458	ug/L	100
5) Vinyl chloride	1.61	62	73652	4.587	ug/L	96
6) Bromomethane	1.86	94	39866	4.858	ug/L	94
8) Chloroethane	1.94	64	43600	4.519	ug/L	97
9) Trichlorofluoromethane	2.15	101	110633	4.810	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	72788	4.882	ug/L	98
12) 1,1-Dichloroethene	2.59	96	60390	4.682	ug/L	95
13) Acetone	2.66	43	153033	45.414	ug/L	97
14) Carbon disulfide	2.80	76	174391	4.216	ug/L	99
15) Methyl Acetate	2.97	43	36378	4.301	ug/L	97
16) Methylene chloride	3.06	84	73092	4.327	ug/L	97
17) Methyl tert-butyl Ether	3.38	73	167821	4.317	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	63395	4.569	ug/L	94
19) 1,1-Dichloroethane	3.89	63	134157	4.697	ug/L	99
21) 2-Butanone	4.73	43	249249	45.306	ug/L	100
22) cis-1,2-Dichloroethene	4.68	96	72373	4.851	ug/L	94

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Acq On : 23 Sep 2020 10:19
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00517

Quant Time: Sep 24 02:21:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 22 16:35:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.99	128	34472	5.273	ug/L		93
25) Chloroform	5.11	83	144267	4.932	ug/L		100
27) 1,2-Dichloroethane	5.81	62	96780	4.516	ug/L	#	95
29) 1,1,1-Trichloroethane	5.33	97	121280	4.586	ug/L		99
30) Cyclohexane	5.40	56	105935	4.130	ug/L		99
31) Carbon tetrachloride	5.54	117	101748	4.495	ug/L		99
33) Benzene	5.79	78	281983	4.679	ug/L		100
34) Trichloroethene	6.55	95	71615	4.430	ug/L		92
35) Methylcyclohexane	6.77	83	103884	4.197	ug/L		97
37) 1,2-Dichloropropane	6.80	63	75877	4.650	ug/L		100
38) Bromodichloromethane	7.11	83	99921	4.486	ug/L		99
39) cis-1,3-Dichloropropene	7.61	75	104542	4.344	ug/L		97
40) 4-Methyl-2-pentanone	7.80	43	582095	43.479	ug/L		99
42) Toluene	7.97	91	298187	4.805	ug/L		99
44) trans-1,3-Dichloropropene	8.21	75	96413	4.324	ug/L		96
45) 1,1,2-Trichloroethane	8.40	97	55712	4.687	ug/L		99
47) Tetrachloroethene	8.56	164	53698	5.057	ug/L		98
48) 2-Hexanone	8.69	43	428778	43.907	ug/L		99
49) Dibromochloromethane	8.81	129	65613	4.599	ug/L		99
50) 1,2-Dibromoethane	8.92	107	52521	4.583	ug/L		95
51) Chlorobenzene	9.45	112	189249	4.912	ug/L		96
52) Ethylbenzene	9.57	91	321580	4.561	ug/L		100
53) m,p-Xylene	9.69	106	122461	4.878	ug/L		97
54) o-Xylene	10.10	106	116319	4.862	ug/L		93
55) Styrene	10.11	104	211380	5.081	ug/L		95
56) Isopropylbenzene	10.48	105	317866	4.872	ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.78	83	71302	4.678	ug/L		99
59) 1,2,3-Trichloropropane	10.82	75	52925	4.378	ug/L		99
61) Bromoform	10.29	173	35694	4.415	ug/L		97
62) 1,3-Dichlorobenzene	11.74	146	154788	4.804	ug/L		96
63) 1,4-Dichlorobenzene	11.83	146	156474	4.799	ug/L		97
65) 1,2-Dichlorobenzene	12.21	146	146782	4.708	ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.99	75	11638	3.490	ug/L		99
67) 1,3,5-Trichlorobenzene	13.21	180	106360	4.695	ug/L		99
68) 1,2,4-trichlorobenzene	13.83	180	86033	4.409	ug/L		97
69) Naphthalene	14.08	128	131480	3.232	ug/L		99
70) 1,2,3-Trichlorobenzene	14.32	180	79941	4.460	ug/L		96

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

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