Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082420\
Data File : VU039945.D
Acq On : 24 Aug 2020 14:22
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00530

Quant Time: Aug 24 15:44:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 22 00:45:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	74964	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	72188	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	38391	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	27957	4.27	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.40%			
7) Chloroethane-d5	1.92	69	23625	4.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.20%			
11) 1,1-Dichloroethene-d2	2.58	63	60941	4.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.20%			
20) 2-Butanone-d5	4.66	46	84777	40.51	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 81.02%			
24) Chloroform-d	5.08	84	55680	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
26) 1,2-Dichloroethane-d4	5.72	65	30607	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.40%			
32) Benzene-d6	5.74	84	101577	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
36) 1,2-Dichloropropane-d6	6.70	67	33189	4.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.60%			
41) Toluene-d8	7.90	98	94384	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.20%			
43) trans-1,3-Dichloropropene-	8.18	79	13962	4.69	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.80%			
46) 2-Hexanone-d5	8.64	63	64907	42.99	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.98%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26135	4.15	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	36276	4.79	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	38584	4.952	ug/L	99
3) Chloromethane	1.53	50	37743	4.281	ug/L	98
5) Vinyl chloride	1.61	62	39287	4.711	ug/L	95
6) Bromomethane	1.86	94	18353	3.854	ug/L	95
8) Chloroethane	1.94	64	24475	4.589	ug/L	97
9) Trichlorofluoromethane	2.15	101	64139	5.141	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	36798	5.362	ug/L	94
12) 1,1-Dichloroethene	2.59	96	32075	4.892	ug/L	95
13) Acetone	2.67	43	72398	50.632	ug/L #	47
14) Carbon disulfide	2.80	76	99832	4.711	ug/L	99
15) Methyl Acetate	2.97	43	17175	4.679	ug/L	99
16) Methylene chloride	3.06	84	37963	4.211	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	85433	5.167	ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	33293	4.890	ug/L	91
19) 1,1-Dichloroethane	3.89	63	66021	5.230	ug/L	98
21) 2-Butanone	4.74	43	111930	45.052	ug/L	97
22) cis-1,2-Dichloroethene	4.68	96	34847	4.888	ug/L	95

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Acq On : 24 Aug 2020 14:22
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00530

Quant Time: Aug 24 15:44:19 2020
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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 22 00:45:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.99	128	16388	4.888 ug/L		94
25) Chloroform	5.11	83	65915	5.152 ug/L		99
27) 1,2-Dichloroethane	5.81	62	44254	4.929 ug/L		99
29) 1,1,1-Trichloroethane	5.33	97	57107	5.378 ug/L		99
30) Cyclohexane	5.40	56	56573	5.382 ug/L		97
31) Carbon tetrachloride	5.54	117	50184	5.353 ug/L		97
33) Benzene	5.79	78	136643	5.208 ug/L		100
34) Trichloroethene	6.55	95	35560	5.223 ug/L		94
35) Methylcyclohexane	6.77	83	57232	5.487 ug/L		99
37) 1,2-Dichloropropane	6.80	63	36657	5.258 ug/L	#	97
38) Bromodichloromethane	7.11	83	49880	5.630 ug/L		99
39) cis-1,3-Dichloropropene	7.61	75	53195	5.460 ug/L		99
40) 4-Methyl-2-pentanone	7.80	43	262926	47.622 ug/L		99
42) Toluene	7.97	91	143185	5.337 ug/L		98
44) trans-1,3-Dichloropropene	8.21	75	47531	5.192 ug/L		97
45) 1,1,2-Trichloroethane	8.40	97	25710	4.853 ug/L		97
47) Tetrachloroethene	8.56	164	28427	5.660 ug/L		92
48) 2-Hexanone	8.69	43	190310	48.101 ug/L		98
49) Dibromochloromethane	8.81	129	32289	5.106 ug/L		96
50) 1,2-Dibromoethane	8.93	107	25545	5.064 ug/L	#	95
51) Chlorobenzene	9.45	112	89325	5.099 ug/L		97
52) Ethylbenzene	9.57	91	156999	5.380 ug/L		100
53) m,p-Xylene	9.69	106	59341	5.297 ug/L		94
54) o-Xylene	10.10	106	57040	5.387 ug/L		94
55) Styrene	10.11	104	99836	5.439 ug/L		96
56) Isopropylbenzene	10.48	105	154652	5.449 ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.78	83	30428	4.449 ug/L		95
59) 1,2,3-Trichloropropane	10.82	75	23088	4.622 ug/L		98
61) Bromoform	10.29	173	18911	5.593 ug/L		99
62) 1,3-Dichlorobenzene	11.74	146	75459	5.309 ug/L		97
63) 1,4-Dichlorobenzene	11.83	146	76187	5.264 ug/L		99
65) 1,2-Dichlorobenzene	12.21	146	70078	5.109 ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.99	75	5872	5.235 ug/L	#	82
67) 1,3,5-Trichlorobenzene	13.21	180	60536	5.735 ug/L		98
68) 1,2,4-trichlorobenzene	13.83	180	54743	6.079 ug/L		99
69) Naphthalene	14.08	128	91434	5.497 ug/L		100
70) 1,2,3-Trichlorobenzene	14.32	180	49769	5.914 ug/L		99

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

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