Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092820\
Data File : VU040345.D
Acq On : 28 Sep 2020 20:39
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00523

Quant Time: Sep 29 07:28:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 07:18:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	132281	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	130115	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	67888	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	39786	5.51	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 110.20%			
7) Chloroethane-d5	1.92	69	34824	5.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 115.80%			
11) 1,1-Dichloroethene-d2	2.58	63	94749	5.11	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 102.20%			
20) 2-Butanone-d5	4.65	46	176970	61.26	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 122.52%			
24) Chloroform-d	5.08	84	89683	5.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.40%			
26) 1,2-Dichloroethane-d4	5.72	65	53138	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.00%			
32) Benzene-d6	5.75	84	169755	5.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.80%			
36) 1,2-Dichloropropane-d6	6.70	67	56048	5.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 112.00%			
41) Toluene-d8	7.91	98	150773	5.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.80%			
43) trans-1,3-Dichloropropene-	8.19	79	21847	4.75	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.00%			
46) 2-Hexanone-d5	8.64	63	132096	60.63	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 121.26%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49248	5.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 113.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	57897	5.27	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	58143	4.429	ug/L	100
3) Chloromethane	1.53	50	59539	4.737	ug/L	98
5) Vinyl chloride	1.61	62	61447	4.822	ug/L	96
6) Bromomethane	1.87	94	30266	4.647	ug/L	96
8) Chloroethane	1.94	64	37836	4.941	ug/L	99
9) Trichlorofluoromethane	2.15	101	89132	4.883	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	59040	4.990	ug/L	97
12) 1,1-Dichloroethene	2.59	96	51283	5.010	ug/L	95
13) Acetone	2.66	43	138082	51.634	ug/L	94
14) Carbon disulfide	2.81	76	137697	4.195	ug/L	99
15) Methyl Acetate	2.97	43	34949	5.207	ug/L	98
16) Methylene chloride	3.06	84	62657	4.674	ug/L	93
17) Methyl tert-butyl Ether	3.38	73	157842	5.116	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	54269	4.928	ug/L	97
19) 1,1-Dichloroethane	3.89	63	117772	5.196	ug/L	98
21) 2-Butanone	4.73	43	241853	55.395	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	62963	5.317	ug/L	94

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Instrument : MSVOA_U
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.99	128	28325	5.460	ug/L		99
25) Chloroform	5.11	83	120009	5.170	ug/L		99
27) 1,2-Dichloroethane	5.81	62	82739	4.865	ug/L		98
29) 1,1,1-Trichloroethane	5.33	97	99638	4.877	ug/L		99
30) Cyclohexane	5.41	56	94805	4.785	ug/L		98
31) Carbon tetrachloride	5.54	117	83664	4.785	ug/L		100
33) Benzene	5.79	78	244225	5.247	ug/L		100
34) Trichloroethene	6.56	95	61910	4.958	ug/L		96
35) Methylcyclohexane	6.77	83	86925	4.547	ug/L		100
37) 1,2-Dichloropropane	6.80	63	68228	5.413	ug/L		99
38) Bromodichloromethane	7.12	83	86345	5.018	ug/L		99
39) cis-1,3-Dichloropropene	7.62	75	93244	5.016	ug/L		96
40) 4-Methyl-2-pentanone	7.80	43	571443	55.258	ug/L		99
42) Toluene	7.98	91	249145	5.197	ug/L		99
44) trans-1,3-Dichloropropene	8.22	75	84771	4.922	ug/L		95
45) 1,1,2-Trichloroethane	8.40	97	50105	5.457	ug/L		99
47) Tetrachloroethene	8.56	164	43801	5.340	ug/L		99
48) 2-Hexanone	8.69	43	416038	55.153	ug/L		98
49) Dibromochloromethane	8.81	129	57651	5.231	ug/L		98
50) 1,2-Dibromoethane	8.93	107	45079	5.092	ug/L	#	93
51) Chlorobenzene	9.45	112	161236	5.418	ug/L		97
52) Ethylbenzene	9.57	91	277891	5.102	ug/L		100
53) m,p-Xylene	9.69	106	104079	5.367	ug/L		97
54) o-Xylene	10.10	106	99231	5.370	ug/L		97
55) Styrene	10.11	104	178925	5.568	ug/L		95
56) Isopropylbenzene	10.48	105	275482	5.466	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.78	83	65143	5.533	ug/L		99
59) 1,2,3-Trichloropropane	10.82	75	49023	5.250	ug/L		99
61) Bromoform	10.29	173	32293	5.186	ug/L		99
62) 1,3-Dichlorobenzene	11.74	146	132258	5.330	ug/L		97
63) 1,4-Dichlorobenzene	11.83	146	133431	5.314	ug/L		96
65) 1,2-Dichlorobenzene	12.20	146	126328	5.262	ug/L		95
66) 1,2-Dibromo-3-chloropropan	12.99	75	10783	4.199	ug/L		94
67) 1,3,5-Trichlorobenzene	13.21	180	89838	5.149	ug/L		99
68) 1,2,4-trichlorobenzene	13.83	180	75667	5.035	ug/L		97
69) Naphthalene	14.08	128	139683	4.459	ug/L		99
70) 1,2,3-Trichlorobenzene	14.32	180	72480	5.251	ug/L		97

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

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