Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102020\
Data File : VU040863.D
Acq On : 20 Oct 2020 21:49
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00521

Quant Time: Oct 21 00:01:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 23:49:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	117137	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	121681	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	64459	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	41290	4.25	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.00%			
7) Chloroethane-d5	1.92	69	36313	4.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.00%			
11) 1,1-Dichloroethene-d2	2.58	63	89009	4.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.80%			
20) 2-Butanone-d5	4.65	46	167962	54.08	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.16%			
24) Chloroform-d	5.08	84	90760	5.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.60%			
26) 1,2-Dichloroethane-d4	5.72	65	53526	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.20%			
32) Benzene-d6	5.74	84	165094	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
36) 1,2-Dichloropropane-d6	6.70	67	54088	4.96	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.20%			
41) Toluene-d8	7.91	98	150607	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.60%			
43) trans-1,3-Dichloropropene-	8.19	79	22660	4.91	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.20%			
46) 2-Hexanone-d5	8.64	63	126013	52.98	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.96%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51532	5.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	57278	4.79	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	60094	5.662	ug/L	97
3) Chloromethane	1.53	50	52402	5.280	ug/L	99
5) Vinyl chloride	1.61	62	59277	5.671	ug/L	87
6) Bromomethane	1.86	94	18630	3.282	ug/L	97
8) Chloroethane	1.94	64	35375	5.315	ug/L	95
9) Trichlorofluoromethane	2.15	101	81092	5.403	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	47907	4.917	ug/L	97
12) 1,1-Dichloroethene	2.59	96	42677	5.106	ug/L	93
13) Acetone	2.66	43	104751	43.509	ug/L	99
14) Carbon disulfide	2.81	76	153179	6.547	ug/L	99
15) Methyl Acetate	2.97	43	26380	4.798	ug/L	100
16) Methylene chloride	3.06	84	56506	5.266	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	105490	4.464	ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	44027	5.032	ug/L	96
19) 1,1-Dichloroethane	3.89	63	90745	5.015	ug/L	97
21) 2-Butanone	4.73	43	171281	45.632	ug/L	96
22) cis-1,2-Dichloroethene	4.69	96	48524	5.143	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	23592	5.033 ug/L	97
25) Chloroform	5.11	83	94055	5.091 ug/L	98
27) 1,2-Dichloroethane	5.81	62	66405	5.079 ug/L	99
29) 1,1,1-Trichloroethane	5.34	97	78398	4.795 ug/L	100
30) Cyclohexane	5.40	56	73844	4.901 ug/L	99
31) Carbon tetrachloride	5.54	117	68384	4.887 ug/L	100
33) Benzene	5.79	78	195611	5.004 ug/L	100
34) Trichloroethene	6.55	95	49031	4.839 ug/L	96
35) Methylcyclohexane	6.77	83	69183	4.814 ug/L	99
37) 1,2-Dichloropropane	6.80	63	52735	4.841 ug/L	99
38) Bromodichloromethane	7.11	83	67152	4.823 ug/L	95
39) cis-1,3-Dichloropropene	7.62	75	67912	4.563 ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	402563	46.358 ug/L	99
42) Toluene	7.98	91	201035	5.047 ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	62810	4.585 ug/L	91
45) 1,1,2-Trichloroethane	8.40	97	38147	4.676 ug/L	97
47) Tetrachloroethene	8.56	164	37325	5.163 ug/L	96
48) 2-Hexanone	8.69	43	308093	47.653 ug/L	100
49) Dibromochloromethane	8.81	129	45132	4.808 ug/L	94
50) 1,2-Dibromoethane	8.93	107	36074	4.662 ug/L	97
51) Chlorobenzene	9.45	112	124401	4.741 ug/L	98
52) Ethylbenzene	9.57	91	202288	4.692 ug/L	99
53) m,p-Xylene	9.70	106	78411	4.990 ug/L	99
54) o-Xylene	10.10	106	71519	4.733 ug/L	96
55) Styrene	10.11	104	130948	4.990 ug/L	98
56) Isopropylbenzene	10.48	105	193195	4.749 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	51299	4.790 ug/L	95
59) 1,2,3-Trichloropropane	10.82	75	37433	4.679 ug/L	99
61) Bromoform	10.29	173	25221	4.564 ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	101504	4.811 ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	103101	4.739 ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	96901	4.698 ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.99	75	8278	4.584 ug/L	91
67) 1,3,5-Trichlorobenzene	13.21	180	66452	4.439 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	51369	4.441 ug/L	99
69) Naphthalene	14.08	128	83880	4.433 ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	49851	4.642 ug/L	99

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

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