Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090320\
Data File : VU040036.D
Acq On : 03 Sep 2020 16:36
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00521

Quant Time: Sep 04 03:03:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 04 02:55:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	112113	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	108453	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54227	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	28427	4.64	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.80%			
7) Chloroethane-d5	1.92	69	25931	5.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.60%			
11) 1,1-Dichloroethene-d2	2.58	63	77144	4.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.20%			
20) 2-Butanone-d5	4.64	46	130312	53.22	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.44%			
24) Chloroform-d	5.08	84	74047	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.60%			
26) 1,2-Dichloroethane-d4	5.72	65	44137	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.00%			
32) Benzene-d6	5.74	84	132501	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.60%			
36) 1,2-Dichloropropane-d6	6.70	67	43477	5.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.20%			
41) Toluene-d8	7.91	98	119156	5.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.20%			
43) trans-1,3-Dichloropropene-	8.19	79	18825	4.91	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.20%			
46) 2-Hexanone-d5	8.64	63	100012	55.07	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.14%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	39954	5.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	45577	5.19	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	55670	5.003	ug/L	100
3) Chloromethane	1.53	50	55954	5.253	ug/L	100
5) Vinyl chloride	1.61	62	54016	5.002	ug/L	97
6) Bromomethane	1.86	94	31665	5.736	ug/L	97
8) Chloroethane	1.94	64	34474	5.312	ug/L	98
9) Trichlorofluoromethane	2.15	101	81869	5.292	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	51494	5.135	ug/L	98
12) 1,1-Dichloroethene	2.59	96	44117	5.085	ug/L	90
13) Acetone	2.64	43	111844	49.346	ug/L	99
14) Carbon disulfide	2.81	76	135937	4.886	ug/L	98
15) Methyl Acetate	2.96	43	27917	4.908	ug/L	97
16) Methylene chloride	3.06	84	52404	4.612	ug/L	97
17) Methyl tert-butyl Ether	3.38	73	130173	4.978	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	46351	4.966	ug/L	99
19) 1,1-Dichloroethane	3.89	63	97235	5.061	ug/L	100
21) 2-Butanone	4.72	43	185040	50.006	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	51134	5.095	ug/L	96

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	23332	5.306 ug/L	99
25) Chloroform	5.11	83	99751	5.070 ug/L	96
27) 1,2-Dichloroethane	5.81	62	72882	5.056 ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	87594	5.144 ug/L	100
30) Cyclohexane	5.41	56	82005	4.966 ug/L	97
31) Carbon tetrachloride	5.54	117	71842	4.930 ug/L	98
33) Benzene	5.79	78	201412	5.191 ug/L	100
34) Trichloroethene	6.55	95	54397	5.227 ug/L	94
35) Methylcyclohexane	6.77	83	78974	4.956 ug/L	99
37) 1,2-Dichloropropane	6.80	63	56263	5.355 ug/L	99
38) Bromodichloromethane	7.11	83	74312	5.182 ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	77434	4.998 ug/L	95
40) 4-Methyl-2-pentanone	7.80	43	455324	52.823 ug/L	100
42) Toluene	7.98	91	213242	5.337 ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	70932	4.941 ug/L	97
45) 1,1,2-Trichloroethane	8.41	97	42021	5.491 ug/L	97
47) Tetrachloroethene	8.56	164	33911	4.960 ug/L	98
48) 2-Hexanone	8.69	43	332155	52.828 ug/L	100
49) Dibromochloromethane	8.81	129	48086	5.235 ug/L	97
50) 1,2-Dibromoethane	8.93	107	37687	5.107 ug/L	93
51) Chlorobenzene	9.45	112	131275	5.292 ug/L	98
52) Ethylbenzene	9.57	91	235882	5.196 ug/L	99
53) m,p-Xylene	9.70	106	87529	5.415 ug/L	99
54) o-Xylene	10.10	106	85302	5.538 ug/L	94
55) Styrene	10.11	104	150273	5.610 ug/L	100
56) Isopropylbenzene	10.48	105	230735	5.493 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	53223	5.424 ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	40369	5.187 ug/L	94
61) Bromoform	10.29	173	25045	5.035 ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	106107	5.353 ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	105909	5.281 ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	102316	5.335 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	10106	4.927 ug/L	93
67) 1,3,5-Trichlorobenzene	13.21	180	71422	5.125 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	61005	5.082 ug/L	98
69) Naphthalene	14.08	128	117731	4.705 ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	56767	5.148 ug/L	95

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

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