Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101120\
Data File : VU040647.D
Acq On : 10 Oct 2020 20:10
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00527

Quant Time: Oct 12 07:16:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 12 07:06:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	126802	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	129222	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	69357	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	42896	4.08	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.60%			
7) Chloroethane-d5	1.92	69	36965	4.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.20%			
11) 1,1-Dichloroethene-d2	2.58	63	91692	4.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.20%			
20) 2-Butanone-d5	4.66	46	190721	56.72	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.44%			
24) Chloroform-d	5.08	84	95962	5.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.00%			
26) 1,2-Dichloroethane-d4	5.72	65	57195	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.80%			
32) Benzene-d6	5.75	84	171819	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.60%			
36) 1,2-Dichloropropane-d6	6.70	67	58197	5.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.60%			
41) Toluene-d8	7.91	98	157203	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.80%			
43) trans-1,3-Dichloropropene-	8.19	79	25411	5.18	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.60%			
46) 2-Hexanone-d5	8.64	63	142179	56.29	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.58%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	54832	5.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	64585	5.02	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	55010	4.788	ug/L	100
3) Chloromethane	1.53	50	51354	4.780	ug/L	99
5) Vinyl chloride	1.61	62	53712	4.747	ug/L	99
6) Bromomethane	1.87	94	23319	3.795	ug/L	99
8) Chloroethane	1.94	64	34166	4.742	ug/L	98
9) Trichlorofluoromethane	2.15	101	81571	5.020	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	51427	4.876	ug/L	99
12) 1,1-Dichloroethene	2.59	96	44692	4.940	ug/L	95
13) Acetone	2.66	43	124498	47.769	ug/L	98
14) Carbon disulfide	2.81	76	116232	4.589	ug/L	96
15) Methyl Acetate	2.97	43	30468	5.120	ug/L	99
16) Methylene chloride	3.06	84	53028	4.565	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	130917	5.117	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	46238	4.882	ug/L	98
19) 1,1-Dichloroethane	3.89	63	99789	5.095	ug/L	98
21) 2-Butanone	4.73	43	209026	51.443	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	53976	5.285	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.00	128	25262	4.979	ug/L	97
25) Chloroform	5.11	83	105844	5.293	ug/L	99
27) 1,2-Dichloroethane	5.81	62	73951	5.225	ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	87708	5.051	ug/L	100
30) Cyclohexane	5.41	56	77816	4.863	ug/L	100
31) Carbon tetrachloride	5.54	117	74577	5.019	ug/L	98
33) Benzene	5.79	78	210954	5.081	ug/L	100
34) Trichloroethene	6.56	95	54652	5.079	ug/L	93
35) Methylcyclohexane	6.77	83	71680	4.697	ug/L	100
37) 1,2-Dichloropropane	6.80	63	60379	5.220	ug/L	100
38) Bromodichloromethane	7.12	83	76104	5.147	ug/L	100
39) cis-1,3-Dichloropropene	7.62	75	79856	5.053	ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	489278	53.056	ug/L	99
42) Toluene	7.98	91	219956	5.199	ug/L	97
44) trans-1,3-Dichloropropene	8.22	75	75158	5.166	ug/L	96
45) 1,1,2-Trichloroethane	8.41	97	44109	5.092	ug/L	99
47) Tetrachloroethene	8.56	164	39146	5.099	ug/L	93
48) 2-Hexanone	8.69	43	373625	54.417	ug/L	99
49) Dibromochloromethane	8.82	129	52923	5.309	ug/L	99
50) 1,2-Dibromoethane	8.93	107	41429	5.041	ug/L	98
51) Chlorobenzene	9.45	112	142130	5.101	ug/L	97
52) Ethylbenzene	9.57	91	238352	5.206	ug/L	100
53) m,p-Xylene	9.70	106	89896	5.387	ug/L	99
54) o-Xylene	10.10	106	86314	5.378	ug/L	97
55) Styrene	10.11	104	155740	5.588	ug/L	99
56) Isopropylbenzene	10.48	105	231363	5.355	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	58990	5.186	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	43364	5.104	ug/L	97
61) Bromoform	10.29	173	29539	4.968	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	117490	5.176	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	120174	5.134	ug/L	100
65) 1,2-Dichlorobenzene	12.21	146	115433	5.202	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	9783	5.035	ug/L	96
67) 1,3,5-Trichlorobenzene	13.21	180	80906	5.023	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	65035	5.226	ug/L	97
69) Naphthalene	14.08	128	105139	5.165	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	61834	5.351	ug/L	99

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

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