Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100120\
Data File : VU040449.D
Acq On : 02 Oct 2020 03:16
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00530

Quant Time: Oct 02 05:31:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 05:20:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	152806	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	146239	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	74888	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	27715	3.66	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.20%			
7) Chloroethane-d5	1.92	69	29403	4.44	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.80%			
11) 1,1-Dichloroethene-d2	2.58	63	80681	4.44	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.80%			
20) 2-Butanone-d5	4.66	46	191664	51.00	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.00%			
24) Chloroform-d	5.08	84	84163	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
26) 1,2-Dichloroethane-d4	5.72	65	51040	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.00%			
32) Benzene-d6	5.75	84	142111	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
36) 1,2-Dichloropropane-d6	6.70	67	52543	4.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.80%			
41) Toluene-d8	7.91	98	124218	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.20%			
43) trans-1,3-Dichloropropene-	8.19	79	20623	4.70	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.00%			
46) 2-Hexanone-d5	8.64	63	142148	55.06	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.12%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51959	4.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	56624	4.99	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	70648	4.610	ug/L	99
3) Chloromethane	1.53	50	61803	4.112	ug/L	98
5) Vinyl chloride	1.61	62	68541	4.640	ug/L	100
6) Bromomethane	1.87	94	26737	3.722	ug/L	99
8) Chloroethane	1.94	64	42626	4.870	ug/L	98
9) Trichlorofluoromethane	2.15	101	92634	4.546	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	58414	4.490	ug/L	99
12) 1,1-Dichloroethene	2.59	96	55748	4.791	ug/L	98
13) Acetone	2.67	43	137060	43.770	ug/L	99
14) Carbon disulfide	2.81	76	165717	4.505	ug/L	99
15) Methyl Acetate	2.97	43	33745	4.475	ug/L	99
16) Methylene chloride	3.06	84	64582	4.418	ug/L	93
17) Methyl tert-butyl Ether	3.38	73	159786	4.984	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	57034	4.740	ug/L	97
19) 1,1-Dichloroethane	3.89	63	119127	4.824	ug/L	99
21) 2-Butanone	4.74	43	232562	46.270	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	63323	4.757	ug/L	98

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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	5.00	128	29982	4.919 ug/L	97
25) Chloroform	5.11	83	122575	4.866 ug/L	100
27) 1,2-Dichloroethane	5.81	62	84836	4.864 ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	101649	5.088 ug/L	99
30) Cyclohexane	5.41	56	106511	5.154 ug/L	98
31) Carbon tetrachloride	5.54	117	86968	5.077 ug/L	97
33) Benzene	5.79	78	248266	5.064 ug/L	100
34) Trichloroethene	6.56	95	64865	4.983 ug/L	94
35) Methylcyclohexane	6.77	83	95369	4.995 ug/L	98
37) 1,2-Dichloropropane	6.80	63	67144	4.917 ug/L	99
38) Bromodichloromethane	7.11	83	84464	5.010 ug/L	97
39) cis-1,3-Dichloropropene	7.62	75	91116	4.975 ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	540482	50.547 ug/L	99
42) Toluene	7.98	91	257254	5.117 ug/L	98
44) trans-1,3-Dichloropropene	8.22	75	83550	4.949 ug/L	96
45) 1,1,2-Trichloroethane	8.41	97	50086	5.233 ug/L	98
47) Tetrachloroethene	8.56	164	45519	4.925 ug/L	97
48) 2-Hexanone	8.69	43	400165	50.788 ug/L	99
49) Dibromochloromethane	8.82	129	56073	5.036 ug/L	99
50) 1,2-Dibromoethane	8.93	107	45805	4.989 ug/L	96
51) Chlorobenzene	9.45	112	163048	5.016 ug/L	99
52) Ethylbenzene	9.57	91	284138	5.208 ug/L	97
53) m,p-Xylene	9.69	106	105034	5.168 ug/L	100
54) o-Xylene	10.10	106	100262	5.244 ug/L	99
55) Styrene	10.11	104	173897	5.214 ug/L	100
56) Isopropylbenzene	10.48	105	271102	5.254 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	62299	4.802 ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	47076	4.757 ug/L	99
61) Bromoform	10.29	173	30527	4.932 ug/L	100
62) 1,3-Dichlorobenzene	11.74	146	129536	5.225 ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	127999	4.963 ug/L	100
65) 1,2-Dichlorobenzene	12.20	146	121831	5.055 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	10217	4.703 ug/L	91
67) 1,3,5-Trichlorobenzene	13.21	180	86984	4.914 ug/L	100
68) 1,2,4-trichlorobenzene	13.83	180	77232	5.430 ug/L	97
69) Naphthalene	14.08	128	136802	5.628 ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	69989	5.378 ug/L	99

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

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