Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071720\
Data File : VU039538.D
Acq On : 17 Jul 2020 09:14
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00525

Quant Time: Jul 17 23:32:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 17 13:59:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	101171	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	97929	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48051	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	23395	3.99	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.80%			
7) Chloroethane-d5	1.92	69	26916	4.49	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.80%			
11) 1,1-Dichloroethene-d2	2.58	63	52796	4.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.60%			
20) 2-Butanone-d5	4.65	46	125362	46.73	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.46%			
24) Chloroform-d	5.08	84	63379	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.60%			
26) 1,2-Dichloroethane-d4	5.72	65	41968	5.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.20%			
32) Benzene-d6	5.74	84	119244	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
36) 1,2-Dichloropropane-d6	6.70	67	41289	4.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.60%			
41) Toluene-d8	7.91	98	108769	5.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.40%			
43) trans-1,3-Dichloropropene-	8.19	79	18356	5.02	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.40%			
46) 2-Hexanone-d5	8.64	63	97793	45.07	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.14%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	39185	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	43757	5.10	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	30323	4.945	ug/L	100
3) Chloromethane	1.53	50	31261	4.208	ug/L	99
5) Vinyl chloride	1.61	62	32000	3.879	ug/L	97
6) Bromomethane	1.87	94	20524	5.777	ug/L	96
8) Chloroethane	1.94	64	28460	4.775	ug/L	97
9) Trichlorofluoromethane	2.15	101	69696	4.866	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	28891	4.915	ug/L	98
12) 1,1-Dichloroethene	2.59	96	27394	4.553	ug/L	91
13) Acetone	2.66	43	63580	43.903	ug/L	98
14) Carbon disulfide	2.81	76	84863	4.004	ug/L	97
15) Methyl Acetate	2.97	43	17200	4.496	ug/L	94
16) Methylene chloride	3.06	84	35938	4.748	ug/L	99
17) Methyl tert-butyl Ether	3.38	73	86283	4.551	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	31058	4.663	ug/L	97
19) 1,1-Dichloroethane	3.89	63	61229	4.698	ug/L	98
21) 2-Butanone	4.74	43	116136	44.930	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	35601	4.766	ug/L	100

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ALS Vial : 2 Sample Multiplier: 1

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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	16553	4.878 ug/L	96
25) Chloroform	5.11	83	71582	5.439 ug/L	95
27) 1,2-Dichloroethane	5.81	62	48451	5.089 ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	59272	5.139 ug/L	98
30) Cyclohexane	5.40	56	56628	4.663 ug/L	99
31) Carbon tetrachloride	5.54	117	50469	5.129 ug/L	99
33) Benzene	5.79	78	138110	4.717 ug/L	100
34) Trichloroethene	6.56	95	37365	4.936 ug/L	97
35) Methylcyclohexane	6.77	83	58211	4.800 ug/L	99
37) 1,2-Dichloropropane	6.80	63	37778	4.733 ug/L	98
38) Bromodichloromethane	7.11	83	49656	4.872 ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	55873	4.631 ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	291527	43.785 ug/L	99
42) Toluene	7.98	91	150998	4.816 ug/L	100
44) trans-1,3-Dichloropropene	8.22	75	49927	4.664 ug/L	99
45) 1,1,2-Trichloroethane	8.41	97	28046	4.892 ug/L	95
47) Tetrachloroethene	8.56	164	27286	5.182 ug/L	98
48) 2-Hexanone	8.69	43	211875	43.158 ug/L	99
49) Dibromochloromethane	8.82	129	33725	4.857 ug/L	98
50) 1,2-Dibromoethane	8.93	107	27627	4.743 ug/L	99
51) Chlorobenzene	9.45	112	94868	4.952 ug/L	97
52) Ethylbenzene	9.57	91	168071	4.851 ug/L	100
53) m,p-Xylene	9.70	106	62277	4.770 ug/L	97
54) o-Xylene	10.10	106	61316	4.824 ug/L	97
55) Styrene	10.12	104	104651	4.732 ug/L	99
56) Isopropylbenzene	10.48	105	167690	4.879 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	35319	4.426 ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	27115	4.610 ug/L	96
61) Bromoform	10.29	173	20112	4.966 ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	74399	4.941 ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	73265	4.850 ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	72246	4.786 ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.99	75	6194	4.645 ug/L	96
67) 1,3,5-Trichlorobenzene	13.21	180	55244	4.903 ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	45107	4.678 ug/L	95
69) Naphthalene	14.08	128	70468	3.632 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	40141	4.493 ug/L	99

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

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