Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071520\
Data File : VU039495.D
Acq On : 15 Jul 2020 09:02
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00521

Quant Time: Jul 16 04:07:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 15 12:31:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	105009	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	104127	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51735	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	30019	4.93	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.60%			
7) Chloroethane-d5	1.92	69	32288	5.19	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.80%			
11) 1,1-Dichloroethene-d2	2.58	63	63993	5.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 107.00%			
20) 2-Butanone-d5	4.65	46	137631	49.42	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.84%			
24) Chloroform-d	5.08	84	65649	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.40%			
26) 1,2-Dichloroethane-d4	5.72	65	44857	5.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.20%			
32) Benzene-d6	5.74	84	137827	5.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.00%			
36) 1,2-Dichloropropane-d6	6.70	67	46554	5.29	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.80%			
41) Toluene-d8	7.91	98	129788	5.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 119.40%			
43) trans-1,3-Dichloropropene-	8.19	79	21439	5.51	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 110.20%			
46) 2-Hexanone-d5	8.64	63	112670	48.84	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.68%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	43558	4.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	51118	5.54	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	33299	5.232	ug/L	99
3) Chloromethane	1.53	50	35306	4.579	ug/L	98
5) Vinyl chloride	1.61	62	36826	4.301	ug/L	99
6) Bromomethane	1.87	94	21765	5.902	ug/L	93
8) Chloroethane	1.94	64	28297	4.574	ug/L	98
9) Trichlorofluoromethane	2.15	101	79156	5.324	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	31545	5.170	ug/L	98
12) 1,1-Dichloroethene	2.59	96	28104	4.500	ug/L	92
13) Acetone	2.66	43	72269	48.079	ug/L	99
14) Carbon disulfide	2.81	76	91704	4.168	ug/L	99
15) Methyl Acetate	2.97	43	17829	4.491	ug/L	99
16) Methylene chloride	3.06	84	34586	4.403	ug/L	96
17) Methyl tert-butyl Ether	3.38	73	92335	4.692	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	32829	4.748	ug/L	97
19) 1,1-Dichloroethane	3.89	63	65226	4.822	ug/L	99
21) 2-Butanone	4.73	43	130964	48.815	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	37665	4.859	ug/L	97

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00521

Quant Time: Jul 16 04:07:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 15 12:31:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.00	128	17380	4.935 ug/L	98
25) Chloroform	5.11	83	76525	5.602 ug/L	97
27) 1,2-Dichloroethane	5.81	62	51514	5.213 ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	62213	5.073 ug/L	97
30) Cyclohexane	5.40	56	61987	4.801 ug/L	97
31) Carbon tetrachloride	5.54	117	52425	5.010 ug/L	97
33) Benzene	5.79	78	146017	4.690 ug/L	100
34) Trichloroethene	6.55	95	39044	4.851 ug/L	98
35) Methylcyclohexane	6.77	83	62149	4.820 ug/L	96
37) 1,2-Dichloropropane	6.80	63	40174	4.734 ug/L	98
38) Bromodichloromethane	7.11	83	51810	4.781 ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	58969	4.597 ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	330074	46.623 ug/L	97
42) Toluene	7.98	91	161536	4.846 ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	55935	4.915 ug/L	96
45) 1,1,2-Trichloroethane	8.41	97	30249	4.962 ug/L	95
47) Tetrachloroethene	8.56	164	28578	5.105 ug/L	93
48) 2-Hexanone	8.69	43	246725	47.265 ug/L	99
49) Dibromochloromethane	8.82	129	36938	5.003 ug/L	100
50) 1,2-Dibromoethane	8.93	107	29488	4.762 ug/L	98
51) Chlorobenzene	9.45	112	102525	5.033 ug/L	98
52) Ethylbenzene	9.57	91	187563	5.091 ug/L	99
53) m,p-Xylene	9.70	106	67227	4.843 ug/L	98
54) o-Xylene	10.10	106	67418	4.989 ug/L	93
55) Styrene	10.11	104	115260	4.902 ug/L	95
56) Isopropylbenzene	10.48	105	182921	5.005 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	40197	4.738 ug/L	97
59) 1,2,3-Trichloropropane	10.83	75	29404	4.701 ug/L	99
61) Bromoform	10.29	173	21538	4.940 ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	83099	5.126 ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	80536	4.952 ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	77218	4.751 ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.99	75	7282	5.072 ug/L	94
67) 1,3,5-Trichlorobenzene	13.21	180	60854	5.016 ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	48384	4.661 ug/L	97
69) Naphthalene	14.08	128	83838	4.013 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	42529	4.421 ug/L	95

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

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