Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080720\
Data File : VU039775.D
Acq On : 07 Aug 2020 10:13
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

Manual Integrations APPROVED
sam
8/10/2020 8:18:13 AM

Quant Time: Aug 08 03:29:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 07 04:28:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	77080	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	76400	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	40215	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	19242	4.62	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.40%			
7) Chloroethane-d5	1.92	69	19592	4.35	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.00%			
11) 1,1-Dichloroethene-d2	2.58	63	42109	5.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.40%			
20) 2-Butanone-d5	4.66	46	99891	54.57	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.14%			
24) Chloroform-d	5.08	84	49226	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
26) 1,2-Dichloroethane-d4	5.72	65	30305	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
32) Benzene-d6	5.74	84	82789	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.20%			
36) 1,2-Dichloropropane-d6	6.70	67	28451	4.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.40%			
41) Toluene-d8	7.90	98	68645	4.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.20%			
43) trans-1,3-Dichloropropene-	8.19	79	10909	4.57	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.40%			
46) 2-Hexanone-d5	8.64	63	70189	54.35	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.70%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	28783	4.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	32626	4.74	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	33922	5.458	ug/L	98
3) Chloromethane	1.53	50	31763	4.859	ug/L	100
5) Vinyl chloride	1.61	62	34737	5.543	ug/L	98
6) Bromomethane	1.86	94	15600	3.934	ug/L	99
8) Chloroethane	1.94	64	22766	4.954	ug/L	98
9) Trichlorofluoromethane	2.15	101	51947	5.330	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	30286	5.727	ug/L	95
12) 1,1-Dichloroethene	2.59	96	26617	5.789	ug/L	94
13) Acetone	2.68	43	60420m	55.984	ug/L	
14) Carbon disulfide	2.81	76	78013	5.426	ug/L	99
15) Methyl Acetate	2.97	43	12604	4.735	ug/L	93
16) Methylene chloride	3.06	84	30630	4.132	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	67574	5.535	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	27898	5.450	ug/L	93
19) 1,1-Dichloroethane	3.89	63	51118	5.409	ug/L	96
21) 2-Butanone	4.74	43	94155	55.361	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	31681	5.690	ug/L	97

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTD00513

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Quant Time: Aug 08 03:29:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	5.00	128	15063	5.760	ug/L		96
25) Chloroform	5.11	83	54445	5.359	ug/L		94
27) 1,2-Dichloroethane	5.81	62	36421	5.202	ug/L		98
29) 1,1,1-Trichloroethane	5.33	97	45571	5.347	ug/L		97
30) Cyclohexane	5.40	56	43081	5.253	ug/L		99
31) Carbon tetrachloride	5.54	117	41017	5.245	ug/L		97
33) Benzene	5.79	78	111887	5.375	ug/L		100
34) Trichloroethene	6.55	95	28781	5.324	ug/L		96
35) Methylcyclohexane	6.77	83	43282	5.016	ug/L		93
37) 1,2-Dichloropropane	6.80	63	29202	5.282	ug/L		98
38) Bromodichloromethane	7.11	83	37248	5.149	ug/L		99
39) cis-1,3-Dichloropropene	7.62	75	39654	5.259	ug/L		98
40) 4-Methyl-2-pentanone	7.80	43	222803	53.927	ug/L		99
42) Toluene	7.98	91	116950	5.346	ug/L		100
44) trans-1,3-Dichloropropene	8.22	75	35076	5.164	ug/L		98
45) 1,1,2-Trichloroethane	8.41	97	22113	5.317	ug/L		89
47) Tetrachloroethene	8.56	164	22865	5.127	ug/L		96
48) 2-Hexanone	8.69	43	167161	56.029	ug/L		99
49) Dibromochloromethane	8.81	129	27229	5.335	ug/L		98
50) 1,2-Dibromoethane	8.93	107	22299	5.468	ug/L		98
51) Chlorobenzene	9.45	112	75428	5.131	ug/L		97
52) Ethylbenzene	9.57	91	125348	5.120	ug/L		99
53) m,p-Xylene	9.69	106	50957	5.466	ug/L		94
54) o-Xylene	10.10	106	47908	5.248	ug/L		96
55) Styrene	10.11	104	82843	5.389	ug/L		100
56) Isopropylbenzene	10.48	105	127695	5.234	ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.78	83	29043	5.076	ug/L	#	98
59) 1,2,3-Trichloropropane	10.82	75	20533	5.149	ug/L		98
61) Bromoform	10.29	173	14274	5.253	ug/L		92
62) 1,3-Dichlorobenzene	11.74	146	62551	5.314	ug/L		99
63) 1,4-Dichlorobenzene	11.83	146	63428	5.112	ug/L		99
65) 1,2-Dichlorobenzene	12.20	146	60268	5.197	ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.99	75	4558	5.199	ug/L	#	82
67) 1,3,5-Trichlorobenzene	13.21	180	45247	5.072	ug/L		98
68) 1,2,4-trichlorobenzene	13.83	180	38147	5.103	ug/L		99
69) Naphthalene	14.08	128	70251	5.256	ug/L		99
70) 1,2,3-Trichlorobenzene	14.32	180	36801	5.487	ug/L		99

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

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