Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080820\
Data File : VU039799.D
Acq On : 08 Aug 2020 09:46
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00515

Quant Time: Aug 10 01:08:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 10 00:40:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	76120	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	74158	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	38820	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	16973	4.13	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.60%			
7) Chloroethane-d5	1.92	69	17278	3.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 77.80%			
11) 1,1-Dichloroethene-d2	2.58	63	38283	4.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.40%			
20) 2-Butanone-d5	4.66	46	101663	56.23	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.46%			
24) Chloroform-d	5.08	84	48118	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.80%			
26) 1,2-Dichloroethane-d4	5.72	65	29192	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%			
32) Benzene-d6	5.74	84	78052	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.60%			
36) 1,2-Dichloropropane-d6	6.70	67	28699	4.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.00%			
41) Toluene-d8	7.91	98	64801	4.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.80%			
43) trans-1,3-Dichloropropene-	8.19	79	11028	4.76	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.20%			
46) 2-Hexanone-d5	8.64	63	72507	57.84	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 115.68%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	30141	5.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	31682	4.77	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	32881	5.357	ug/L	99
3) Chloromethane	1.53	50	31589	4.893	ug/L	93
5) Vinyl chloride	1.61	62	33525	5.417	ug/L	98
6) Bromomethane	1.87	94	16221	4.142	ug/L	98
8) Chloroethane	1.94	64	20611	4.541	ug/L	90
9) Trichlorofluoromethane	2.15	101	53099	5.517	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	29445	5.638	ug/L	95
12) 1,1-Dichloroethene	2.59	96	25925	5.710	ug/L	87
13) Acetone	2.67	43	52217	48.994	ug/L	71
14) Carbon disulfide	2.81	76	73851	5.202	ug/L	97
15) Methyl Acetate	2.97	43	13457	5.120	ug/L	99
16) Methylene chloride	3.06	84	29381	4.013	ug/L	96
17) Methyl tert-butyl Ether	3.38	73	63494	5.266	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	26624	5.267	ug/L	95
19) 1,1-Dichloroethane	3.89	63	49091	5.260	ug/L	99
21) 2-Butanone	4.74	43	93084	55.421	ug/L	95
22) cis-1,2-Dichloroethene	4.68	96	29443	5.355	ug/L	96

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

Instrument : MSVOA_U
ClientSampleId : VSTD00515

Quant Time: Aug 10 01:08:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 10 00:40:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.00	128	13735	5.318 ug/L	98
25) Chloroform	5.11	83	52490	5.232 ug/L	93
27) 1,2-Dichloroethane	5.81	62	36774	5.319 ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	44591	5.391 ug/L	97
30) Cyclohexane	5.40	56	41593	5.225 ug/L	98
31) Carbon tetrachloride	5.54	117	39169	5.161 ug/L	97
33) Benzene	5.79	78	108941	5.392 ug/L	100
34) Trichloroethene	6.55	95	28044	5.344 ug/L	97
35) Methylcyclohexane	6.77	83	42205	5.039 ug/L	95
37) 1,2-Dichloropropane	6.80	63	28716	5.351 ug/L	98
38) Bromodichloromethane	7.11	83	37133	5.289 ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	39918	5.454 ug/L	96
40) 4-Methyl-2-pentanone	7.80	43	209826	52.321 ug/L	98
42) Toluene	7.98	91	112169	5.283 ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	35168	5.334 ug/L	93
45) 1,1,2-Trichloroethane	8.41	97	22092	5.473 ug/L	94
47) Tetrachloroethene	8.56	164	22886	5.287 ug/L	95
48) 2-Hexanone	8.69	43	155407	53.664 ug/L	97
49) Dibromochloromethane	8.82	129	26582	5.366 ug/L	99
50) 1,2-Dibromoethane	8.93	107	20638	5.214 ug/L	96
51) Chlorobenzene	9.45	112	74308	5.208 ug/L	98
52) Ethylbenzene	9.57	91	122054	5.136 ug/L	98
53) m,p-Xylene	9.69	106	48829	5.396 ug/L	98
54) o-Xylene	10.10	106	45663	5.153 ug/L	93
55) Styrene	10.11	104	81078	5.433 ug/L	100
56) Isopropylbenzene	10.48	105	119991	5.067 ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.78	83	28299	5.096 ug/L	93
59) 1,2,3-Trichloropropane	10.82	75	20670	5.340 ug/L	100
61) Bromoform	10.29	173	13658	5.207 ug/L	90
62) 1,3-Dichlorobenzene	11.74	146	62693	5.518 ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	63445	5.297 ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	59278	5.295 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	4459	5.269 ug/L	98
67) 1,3,5-Trichlorobenzene	13.21	180	45465	5.280 ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	37360	5.177 ug/L	98
69) Naphthalene	14.08	128	65912	5.109 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	35769	5.525 ug/L	97

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

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