Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022120\
Data File : VU036873.D
Acq On : 21 Feb 2020 10:31
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00528

Quant Time: Feb 22 00:02:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 21 15:09:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	132763	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	123529	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	54981	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	48502	4.25	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.00%			
7) Chloroethane-d5	1.93	69	46663	4.71	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.20%			
11) 1,1-Dichloroethene-d2	2.59	63	86824	4.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.00%			
20) 2-Butanone-d5	4.68	46	136701	57.09	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.18%			
24) Chloroform-d	5.10	84	87479	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%			
26) 1,2-Dichloroethane-d4	5.74	65	48597	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
32) Benzene-d6	5.76	84	183607	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.80%			
36) 1,2-Dichloropropane-d6	6.72	67	60032	5.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.80%			
41) Toluene-d8	7.92	98	167282	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.80%			
43) trans-1,3-Dichloropropene-	8.20	79	22928	4.95	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.00%			
46) 2-Hexanone-d5	8.66	63	113138	53.47	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.94%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	47813	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.80%			
64) 1,2-Dichlorobenzene-d4	12.21	152	52898	4.82	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	41941	4.784	ug/L	98
3) Chloromethane	1.53	50	49782	5.455	ug/L	98
5) Vinyl chloride	1.61	62	52553	4.930	ug/L	98
6) Bromomethane	1.87	94	26544	4.144	ug/L	97
8) Chloroethane	1.95	64	35618	4.783	ug/L	98
9) Trichlorofluoromethane	2.15	101	67619	4.822	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	43745	4.885	ug/L	99
12) 1,1-Dichloroethene	2.60	96	39907	4.942	ug/L	96
13) Acetone	2.67	43	157040	51.292	ug/L	100
14) Carbon disulfide	2.82	76	92571	4.750	ug/L	99
15) Methyl Acetate	2.99	43	21735	5.350	ug/L	99
16) Methylene chloride	3.08	84	49726	3.653	ug/L	98
17) Methyl tert-butyl Ether	3.40	73	123927	5.181	ug/L	99
18) trans-1,2-Dichloroethene	3.38	96	41594	4.991	ug/L	99
19) 1,1-Dichloroethane	3.91	63	89986	5.149	ug/L	98
21) 2-Butanone	4.76	43	190911	53.604	ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	52012	5.157	ug/L	96

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

Instrument : MSVOA_U
ClientSampleId : VSTD00528

Quant Time: Feb 22 00:02:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 21 15:09:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.01	128	20236	5.047 ug/L	98
25) Chloroform	5.13	83	90022	4.823 ug/L	98
27) 1,2-Dichloroethane	5.83	62	60362	5.074 ug/L	100
29) 1,1,1-Trichloroethane	5.35	97	68493	5.049 ug/L	98
30) Cyclohexane	5.42	56	73173	5.078 ug/L	98
31) Carbon tetrachloride	5.56	117	50920	4.652 ug/L	98
33) Benzene	5.81	78	194776	5.112 ug/L	100
34) Trichloroethene	6.57	95	49211	5.071 ug/L	98
35) Methylcyclohexane	6.79	83	77867	5.056 ug/L	98
37) 1,2-Dichloropropane	6.82	63	54661	5.254 ug/L	100
38) Bromodichloromethane	7.14	83	64230	5.174 ug/L	100
39) cis-1,3-Dichloropropene	7.64	75	77970	5.179 ug/L	98
40) 4-Methyl-2-pentanone	7.83	43	363127	54.089 ug/L	100
42) Toluene	8.00	91	210921	5.154 ug/L	96
44) trans-1,3-Dichloropropene	8.24	75	60945	5.180 ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	38527	5.323 ug/L	96
47) Tetrachloroethene	8.58	164	31369	4.752 ug/L	95
48) 2-Hexanone	8.72	43	310520	54.049 ug/L	99
49) Dibromochloromethane	8.83	129	38894	5.196 ug/L	98
50) 1,2-Dibromoethane	8.95	107	34092	5.215 ug/L	98
51) Chlorobenzene	9.47	112	127891	5.052 ug/L	99
52) Ethylbenzene	9.59	91	231536	5.066 ug/L	99
53) m,p-Xylene	9.72	106	85250	5.068 ug/L	92
54) o-Xylene	10.12	106	85023	5.147 ug/L	96
55) Styrene	10.13	104	141087	5.067 ug/L	97
56) Isopropylbenzene	10.50	105	227847	5.155 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	49759	5.252 ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	36488	5.312 ug/L	98
61) Bromoform	10.31	173	19683	5.196 ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	93740	4.949 ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	94844	5.051 ug/L	100
65) 1,2-Dichlorobenzene	12.23	146	92821	5.083 ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	6853	5.029 ug/L	94
67) 1,3,5-Trichlorobenzene	13.25	180	67025	5.026 ug/L	98
68) 1,2,4-trichlorobenzene	13.88	180	51026	5.074 ug/L	99
69) Naphthalene	14.12	128	108683	5.965 ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	48232	5.344 ug/L	98

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

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