Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112119\
Data File : VU035799.D
Acq On : 21 Nov 2019 12:56
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00527

Quant Time: Nov 22 01:16:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 01:10:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	253839	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	276650	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	152157	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	165569	4.99	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.80%			
7) Chloroethane-d5	1.93	69	140242	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.80%			
11) 1,1-Dichloroethene-d2	2.59	63	308726	5.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.20%			
20) 2-Butanone-d5	4.70	46	395010	51.47	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.94%			
24) Chloroform-d	5.11	84	282813	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.80%			
26) 1,2-Dichloroethane-d4	5.75	65	155841	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.80%			
32) Benzene-d6	5.77	84	551400	5.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.40%			
36) 1,2-Dichloropropane-d6	6.73	67	182525	5.13	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.60%			
41) Toluene-d8	7.93	98	521134	5.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.00%			
43) trans-1,3-Dichloropropene-	8.21	79	76610	5.53	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 110.60%			
46) 2-Hexanone-d5	8.68	63	306373	55.08	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.16%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	153022	5.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	164762	4.98	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.40	85	176238	5.124	ug/L	100
3) Chloromethane	1.54	50	212919	5.028	ug/L	99
5) Vinyl chloride	1.62	62	214829	5.068	ug/L	98
6) Bromomethane	1.87	94	107802	4.948	ug/L	98
8) Chloroethane	1.95	64	124820	5.090	ug/L	97
9) Trichlorofluoromethane	2.16	101	252728	5.135	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	141312	5.054	ug/L	98
12) 1,1-Dichloroethene	2.61	96	129952	4.920	ug/L	95
13) Acetone	2.67	43	312588	46.380	ug/L	99
14) Carbon disulfide	2.82	76	439370	5.008	ug/L	100
15) Methyl Acetate	3.00	43	67443	4.991	ug/L	98
16) Methylene chloride	3.08	84	158513	4.968	ug/L	98
17) Methyl tert-butyl Ether	3.42	73	334386	5.232	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	134635	5.177	ug/L	99
19) 1,1-Dichloroethane	3.92	63	296663	5.077	ug/L	98
21) 2-Butanone	4.78	43	433823	50.867	ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	148683	5.130	ug/L	93

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00527

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.02	128	64837	5.135 ug/L	93
25) Chloroform	5.14	83	287538	5.057 ug/L	100
27) 1,2-Dichloroethane	5.84	62	187082	5.003 ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	235962	5.282 ug/L	98
30) Cyclohexane	5.43	56	236387	5.415 ug/L	99
31) Carbon tetrachloride	5.57	117	199628	5.160 ug/L	100
33) Benzene	5.82	78	617059	5.343 ug/L	100
34) Trichloroethene	6.58	95	151641	5.356 ug/L	98
35) Methylcyclohexane	6.80	83	223738	5.385 ug/L	97
37) 1,2-Dichloropropane	6.83	63	174396	5.325 ug/L	100
38) Bromodichloromethane	7.14	83	203118	5.174 ug/L	99
39) cis-1,3-Dichloropropene	7.65	75	230950	5.447 ug/L	97
40) 4-Methyl-2-pentanone	7.84	43	1079321	53.677 ug/L	99
42) Toluene	8.00	91	656423	5.464 ug/L	98
44) trans-1,3-Dichloropropene	8.25	75	189391	5.387 ug/L	99
45) 1,1,2-Trichloroethane	8.44	97	113583	5.322 ug/L	98
47) Tetrachloroethene	8.58	164	112037	5.200 ug/L	98
48) 2-Hexanone	8.73	43	780452	52.719 ug/L	96
49) Dibromochloromethane	8.84	129	129545	5.145 ug/L	97
50) 1,2-Dibromoethane	8.96	107	104754	5.364 ug/L	97
51) Chlorobenzene	9.48	112	380828	5.118 ug/L	97
52) Ethylbenzene	9.60	91	663008	5.338 ug/L	98
53) m,p-Xylene	9.72	106	238806	5.453 ug/L	97
54) o-Xylene	10.13	106	234267	5.508 ug/L	95
55) Styrene	10.14	104	402412	5.704 ug/L	98
56) Isopropylbenzene	10.51	105	625535	5.567 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	149025	5.046 ug/L	100
59) 1,2,3-Trichloropropane	10.85	75	105760	4.967 ug/L	100
61) Bromoform	10.32	173	72973	4.773 ug/L	97
62) 1,3-Dichlorobenzene	11.77	146	289644	5.304 ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	280699	5.221 ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	273808	5.255 ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	20507	4.756 ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	183727	5.599 ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	106481	5.646 ug/L	98
69) Naphthalene	14.11	128	139766	5.263 ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	106454	5.804 ug/L	99

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

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