Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111519\
Data File : VU035712.D
Acq On : 15 Nov 2019 08:36
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00521

Quant Time: Nov 16 01:35:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 11 07:03:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	245043	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	257822	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	151039	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	108489	4.30	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.00%			
7) Chloroethane-d5	1.93	69	95113	4.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.20%			
11) 1,1-Dichloroethene-d2	2.59	63	195956	4.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.40%			
20) 2-Butanone-d5	4.70	46	266029	47.77	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.54%			
24) Chloroform-d	5.11	84	192180	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
26) 1,2-Dichloroethane-d4	5.75	65	94512	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.60%			
32) Benzene-d6	5.77	84	380623	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.80%			
36) 1,2-Dichloropropane-d6	6.73	67	122098	4.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.00%			
41) Toluene-d8	7.93	98	371221	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
43) trans-1,3-Dichloropropene-	8.21	79	50519	4.82	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.40%			
46) 2-Hexanone-d5	8.68	63	205320	49.99	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.98%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	106620	4.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.80%			
64) 1,2-Dichlorobenzene-d4	12.22	152	134375	4.49	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.40	85	136567	5.180	ug/L	98
3) Chloromethane	1.53	50	155965	5.129	ug/L	100
5) Vinyl chloride	1.62	62	163036	5.233	ug/L	99
6) Bromomethane	1.87	94	98933	5.570	ug/L	99
8) Chloroethane	1.95	64	95524	5.344	ug/L	97
9) Trichlorofluoromethane	2.16	101	198498	5.222	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	118151	5.262	ug/L	99
12) 1,1-Dichloroethene	2.61	96	110648	5.135	ug/L	88
13) Acetone	2.68	43	202641	50.470	ug/L	99
14) Carbon disulfide	2.82	76	361114	5.168	ug/L	99
15) Methyl Acetate	3.00	43	47418	5.084	ug/L	96
16) Methylene chloride	3.08	84	129184	5.057	ug/L	98
17) Methyl tert-butyl Ether	3.42	73	268501	5.317	ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	117642	5.302	ug/L	98
19) 1,1-Dichloroethane	3.92	63	215673	5.235	ug/L	98
21) 2-Butanone	4.78	43	309569	51.926	ug/L	100
22) cis-1,2-Dichloroethene	4.72	96	129374	5.280	ug/L	99

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

Instrument : MSVOA_U
ClientSampleId : VSTD00521

Quant Time: Nov 16 01:35:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 11 07:03:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	61270	5.279	ug/L	97
25) Chloroform	5.14	83	241562	5.392	ug/L	99
27) 1,2-Dichloroethane	5.84	62	131911	5.290	ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	184050	5.423	ug/L	99
30) Cyclohexane	5.43	56	181803	5.358	ug/L	99
31) Carbon tetrachloride	5.56	117	167816	5.486	ug/L	100
33) Benzene	5.82	78	494085	5.446	ug/L	100
34) Trichloroethene	6.58	95	125545	5.407	ug/L	95
35) Methylcyclohexane	6.80	83	192283	5.436	ug/L	98
37) 1,2-Dichloropropane	6.83	63	128320	5.367	ug/L	99
38) Bromodichloromethane	7.14	83	159129	5.501	ug/L	100
39) cis-1,3-Dichloropropene	7.65	75	182342	5.344	ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	731124	53.184	ug/L	99
42) Toluene	8.00	91	531549	5.568	ug/L	98
44) trans-1,3-Dichloropropene	8.25	75	148392	5.439	ug/L	96
45) 1,1,2-Trichloroethane	8.44	97	92812	5.421	ug/L	99
47) Tetrachloroethene	8.58	164	112753	5.572	ug/L	97
48) 2-Hexanone	8.73	43	501451	51.326	ug/L	94
49) Dibromochloromethane	8.84	129	117022	5.541	ug/L	100
50) 1,2-Dibromoethane	8.96	107	90168	5.551	ug/L	98
51) Chlorobenzene	9.48	112	342063	5.457	ug/L	100
52) Ethylbenzene	9.60	91	555089	5.525	ug/L	100
53) m,p-Xylene	9.72	106	223011	5.862	ug/L	99
54) o-Xylene	10.13	106	213602	5.810	ug/L	96
55) Styrene	10.14	104	351903	5.789	ug/L	99
56) Isopropylbenzene	10.51	105	551674	5.686	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	118021	5.276	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	82572	5.222	ug/L	99
61) Bromoform	10.32	173	71423	5.203	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	269566	5.308	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	264120	5.401	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	254320	5.336	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	15018	4.952	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	184616	5.640	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	101002	5.121	ug/L	99
69) Naphthalene	14.11	128	118635	4.885	ug/L	98
70) 1,2,3-Trichlorobenzene	14.35	180	97785	5.128	ug/L	98

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

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