Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030619\
Data File : VU029828.D
Acq On : 05 Mar 2019 18:38
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00547

Quant Time: Mar 06 02:54:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Mar 06 02:51:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	237238	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	234048	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	125774	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	85401	5.51	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 110.20%			
7) Chloroethane-d5	1.68	69	69608	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.60%			
11) 1,1-Dichloroethene-d2	2.27	63	154227	4.63	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.60%			
20) 2-Butanone-d5	4.20	46	182866	52.20	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.40%			
24) Chloroform-d	4.64	84	135056	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.00%			
26) 1,2-Dichloroethane-d4	5.31	65	71702	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.20%			
32) Benzene-d6	5.34	84	307079	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.20%			
36) 1,2-Dichloropropane-d6	6.33	67	90542	5.18	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.60%			
41) Toluene-d8	7.56	98	292364	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.40%			
43) trans-1,3-Dichloropropene-	7.85	79	34748	4.84	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.80%			
46) 2-Hexanone-d5	8.31	63	178458	50.73	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.46%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	76393	4.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	117577	4.75	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	93287	5.037	ug/L	100
3) Chloromethane	1.33	50	87805	5.486	ug/L	99
5) Vinyl chloride	1.40	62	101429	5.013	ug/L	96
6) Bromomethane	1.63	94	64635	5.770	ug/L	100
8) Chloroethane	1.70	64	60435	4.611	ug/L	99
9) Trichlorofluoromethane	1.88	101	137593	4.586	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	86398	4.667	ug/L	98
12) 1,1-Dichloroethene	2.28	96	79963	4.544	ug/L	95
13) Acetone	2.33	43	112787	44.817	ug/L	99
14) Carbon disulfide	2.48	76	248791	4.304	ug/L	98
15) Methyl Acetate	2.62	43	32342	4.405	ug/L	98
16) Methylene chloride	2.70	84	89062	4.279	ug/L	97
17) Methyl tert-butyl Ether	3.00	73	194356	4.619	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	87602	4.574	ug/L	99
19) 1,1-Dichloroethane	3.44	63	153059	5.133	ug/L	99
21) 2-Butanone	4.28	43	190802	54.642	ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	91992	5.245	ug/L	97

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Instrument : MSVOA_U
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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	4.54	128	41929	5.298 ug/L	94
25) Chloroform	4.67	83	164772	5.520 ug/L	99
27) 1,2-Dichloroethane	5.40	62	86950	4.932 ug/L	96
29) 1,1,1-Trichloroethane	4.91	97	128149	5.267 ug/L	99
30) Cyclohexane	4.99	56	123016	5.109 ug/L	99
31) Carbon tetrachloride	5.13	117	109969	5.193 ug/L	98
33) Benzene	5.39	78	333699	5.395 ug/L	100
34) Trichloroethene	6.18	95	89431	5.179 ug/L	97
35) Methylcyclohexane	6.41	83	142596	5.092 ug/L	98
37) 1,2-Dichloropropane	6.43	63	84201	5.404 ug/L	100
38) Bromodichloromethane	6.76	83	102915	5.291 ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	120402	5.279 ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	464188	53.006 ug/L	100
42) Toluene	7.63	91	366817	5.229 ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	98995	5.408 ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	63463	5.201 ug/L	98
47) Tetrachloroethene	8.22	164	78120	4.872 ug/L	99
48) 2-Hexanone	8.36	43	330408	51.589 ug/L	98
49) Dibromochloromethane	8.47	129	76562	5.180 ug/L	96
50) 1,2-Dibromoethane	8.59	107	62293	5.215 ug/L	99
51) Chlorobenzene	9.12	112	247295	5.131 ug/L	99
52) Ethylbenzene	9.25	91	393205	5.011 ug/L	98
53) m,p-xylene	9.37	106	156609	4.978 ug/L	99
54) o-xylene	9.77	106	151950	5.016 ug/L	98
55) Styrene	9.79	104	258357	5.106 ug/L	97
56) Isopropylbenzene	10.16	105	405221	4.985 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	79168	5.264 ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	53860	5.176 ug/L	100
61) Bromoform	9.95	173	44152	5.293 ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	197746	4.952 ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	202128	4.991 ug/L	97
65) 1,2-Dichlorobenzene	11.87	146	194249	5.039 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	11681	5.154 ug/L	93
67) 1,3,5-Trichlorobenzene	12.88	180	154875	4.816 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	132629	4.881 ug/L	100
69) Naphthalene	13.74	128	209975	4.998 ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	125072	4.915 ug/L	99

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

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