Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021919\
Data File : VU029569.D
Acq On : 19 Feb 2019 21:12
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00543

Quant Time: Feb 20 00:14:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 20 00:07:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	215049	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	210883	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	120026	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	58388	4.04	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.80%			
7) Chloroethane-d5	1.68	69	54749	4.29	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.80%			
11) 1,1-Dichloroethene-d2	2.27	63	137438	4.38	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.60%			
20) 2-Butanone-d5	4.19	46	154599	51.46	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.92%			
24) Chloroform-d	4.65	84	93222	4.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.20%			
26) 1,2-Dichloroethane-d4	5.31	65	59479	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.20%			
32) Benzene-d6	5.34	84	228365	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%			
36) 1,2-Dichloropropane-d6	6.33	67	69347	4.63	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.60%			
41) Toluene-d8	7.56	98	224699	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.80%			
43) trans-1,3-Dichloropropene-	7.85	79	27937	4.17	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.40%			
46) 2-Hexanone-d5	8.31	63	154480	50.13	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.26%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	66806	5.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	104159	4.70	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	87478	4.645	ug/L	99
3) Chloromethane	1.33	50	86549	4.870	ug/L	99
5) Vinyl chloride	1.40	62	109242	5.275	ug/L	100
6) Bromomethane	1.63	94	64200	5.314	ug/L	97
8) Chloroethane	1.70	64	68520	5.081	ug/L	100
9) Trichlorofluoromethane	1.88	101	157368	4.964	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	96562	5.168	ug/L	97
12) 1,1-Dichloroethene	2.28	96	91616	5.177	ug/L	92
13) Acetone	2.33	43	136825	50.135	ug/L	97
14) Carbon disulfide	2.48	76	284182	4.873	ug/L	100
15) Methyl Acetate	2.62	43	38917	5.566	ug/L	98
16) Methylene chloride	2.70	84	100980	5.077	ug/L	99
17) Methyl tert-butyl Ether	3.00	73	231569	5.226	ug/L	97
18) trans-1,2-Dichloroethene	2.98	96	100461	5.324	ug/L	96
19) 1,1-Dichloroethane	3.44	63	154060	5.419	ug/L	98
21) 2-Butanone	4.28	43	181495	53.819	ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	88927	5.123	ug/L	96

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ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 20 00:07:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	40053	5.111	ug/L	96
25) Chloroform	4.67	83	166723	5.861	ug/L	95
27) 1,2-Dichloroethane	5.40	62	90270	5.484	ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	125860	4.825	ug/L	98
30) Cyclohexane	4.99	56	117313	4.694	ug/L	100
31) Carbon tetrachloride	5.13	117	108376	4.599	ug/L	99
33) Benzene	5.39	78	315989	5.091	ug/L	100
34) Trichloroethene	6.18	95	88083	5.047	ug/L	98
35) Methylcyclohexane	6.41	83	138364	4.713	ug/L	99
37) 1,2-Dichloropropane	6.43	63	80434	5.173	ug/L	100
38) Bromodichloromethane	6.76	83	101396	4.935	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	115356	4.714	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	471358	52.595	ug/L	99
42) Toluene	7.63	91	359904	5.166	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	94651	4.710	ug/L	97
45) 1,1,2-Trichloroethane	8.06	97	62366	5.237	ug/L	95
47) Tetrachloroethene	8.22	164	82105	5.136	ug/L	96
48) 2-Hexanone	8.36	43	340205	52.085	ug/L	99
49) Dibromochloromethane	8.47	129	77961	4.857	ug/L	98
50) 1,2-Dibromoethane	8.59	107	61616	5.228	ug/L	94
51) Chlorobenzene	9.12	112	250465	5.227	ug/L	98
52) Ethylbenzene	9.25	91	414431	5.253	ug/L	99
53) m,p-xylene	9.37	106	163662	5.202	ug/L	99
54) o-xylene	9.77	106	158556	5.135	ug/L	98
55) Styrene	9.79	104	273935	5.344	ug/L	100
56) Isopropylbenzene	10.16	105	427817	5.253	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	79312	5.457	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	54497	5.464	ug/L	95
61) Bromoform	9.95	173	43180	4.250	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	214604	5.047	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	218047	5.135	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	205175	5.121	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	11893	4.745	ug/L	91
67) 1,3,5-Trichlorobenzene	12.88	180	176750	5.010	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	151302	5.091	ug/L	99
69) Naphthalene	13.74	128	249980	4.871	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	141047	4.964	ug/L	99

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

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