Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071719\
Data File : VU033301.D
Acq On : 17 Jul 2019 19:37
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00516

Quant Time: Jul 18 08:07:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 18 08:01:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	116791	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	126201	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	62196	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	52648	4.48	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.60%			
7) Chloroethane-d5	1.67	69	53018	5.41	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.20%			
11) 1,1-Dichloroethene-d2	2.26	63	108566	4.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.40%			
20) 2-Butanone-d5	4.17	46	115874	52.28	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.56%			
24) Chloroform-d	4.62	84	88691	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.20%			
26) 1,2-Dichloroethane-d4	5.29	65	46134	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.40%			
32) Benzene-d6	5.32	84	159902	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
36) 1,2-Dichloropropane-d6	6.31	67	52728	4.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.20%			
41) Toluene-d8	7.55	98	152905	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.80%			
43) trans-1,3-Dichloropropene-	7.83	79	20609	4.60	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.00%			
46) 2-Hexanone-d5	8.30	63	91709	49.82	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.64%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	47494	5.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.20%			
64) 1,2-Dichlorobenzene-d4	11.85	152	57010	4.71	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	54007	5.447	ug/L	100
3) Chloromethane	1.32	50	66389	5.672	ug/L	100
5) Vinyl chloride	1.40	62	72155	5.739	ug/L	100
6) Bromomethane	1.62	94	47298	5.934	ug/L	93
8) Chloroethane	1.69	64	50168	6.235	ug/L	100
9) Trichlorofluoromethane	1.87	101	100379	5.571	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	56540	5.681	ug/L	100
12) 1,1-Dichloroethene	2.27	96	53173	5.542	ug/L	93
13) Acetone	2.32	43	104472	53.835	ug/L	99
14) Carbon disulfide	2.46	76	168929	5.438	ug/L	99
15) Methyl Acetate	2.61	43	27133	5.598	ug/L	98
16) Methylene chloride	2.68	84	63525	5.430	ug/L	96
17) Methyl tert-butyl Ether	2.99	73	145895	5.805	ug/L	99
18) trans-1,2-Dichloroethene	2.96	96	58283	5.499	ug/L	98
19) 1,1-Dichloroethane	3.42	63	88358	5.548	ug/L	98
21) 2-Butanone	4.26	43	122363	54.864	ug/L	100
22) cis-1,2-Dichloroethene	4.20	96	49384	5.513	ug/L	96

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 18 08:01:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.52	128	22455	5.691 ug/L	95
25) Chloroform	4.65	83	96224	5.455 ug/L	99
27) 1,2-Dichloroethane	5.38	62	58257	5.552 ug/L #	95
29) 1,1,1-Trichloroethane	4.89	97	78773	5.404 ug/L	98
30) Cyclohexane	4.97	56	63482	4.850 ug/L	99
31) Carbon tetrachloride	5.11	117	67281	5.272 ug/L	98
33) Benzene	5.37	78	190700	5.336 ug/L	100
34) Trichloroethene	6.16	95	48792	5.159 ug/L	97
35) Methylcyclohexane	6.39	83	69415	4.871 ug/L	98
37) 1,2-Dichloropropane	6.41	63	52607	5.443 ug/L	99
38) Bromodichloromethane	6.74	83	65274	5.294 ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	67506	4.896 ug/L	100
40) 4-Methyl-2-pentanone	7.45	43	295431	53.345 ug/L	99
42) Toluene	7.62	91	209302	5.455 ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	57901	5.193 ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	37273	5.393 ug/L	97
47) Tetrachloroethene	8.21	164	38403	5.067 ug/L	97
48) 2-Hexanone	8.35	43	219289	54.137 ug/L	99
49) Dibromochloromethane	8.46	129	44065	5.294 ug/L	94
50) 1,2-Dibromoethane	8.57	107	34901	5.261 ug/L #	99
51) Chlorobenzene	9.10	112	130459	5.180 ug/L	99
52) Ethylbenzene	9.23	91	211818	5.171 ug/L	98
53) m,p-Xylene	9.36	106	82513	5.333 ug/L	96
54) o-Xylene	9.76	106	78875	5.347 ug/L	98
55) Styrene	9.77	104	140320	5.458 ug/L	99
56) Isopropylbenzene	10.15	105	206596	5.268 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	48137	5.441 ug/L	97
59) 1,2,3-Trichloropropane	10.48	75	32536	5.163 ug/L	99
61) Bromoform	9.94	173	23406	5.472 ug/L	97
62) 1,3-Dichlorobenzene	11.40	146	97523	5.247 ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	100820	5.151 ug/L	98
65) 1,2-Dichlorobenzene	11.86	146	98211	5.323 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	7101	5.085 ug/L	99
67) 1,3,5-Trichlorobenzene	12.87	180	74827	5.123 ug/L	98
68) 1,2,4-trichlorobenzene	13.49	180	59767	5.066 ug/L	97
69) Naphthalene	13.73	128	91425	4.575 ug/L	98
70) 1,2,3-Trichlorobenzene	13.97	180	57845	5.204 ug/L	99

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

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