Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021219\
Data File : VU029412.D
Acq On : 12 Feb 2019 11:29
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDCCC005

Quant Time: Feb 12 11:50:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 12 01:17:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	219692	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	212380	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	120096	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	69698	4.29	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.80%			
7) Chloroethane-d5	1.68	69	61034	4.62	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.40%			
11) 1,1-Dichloroethene-d2	2.27	63	147422	4.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.60%			
20) 2-Butanone-d5	4.19	46	143851	49.26	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.52%			
24) Chloroform-d	4.64	84	111323	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.20%			
26) 1,2-Dichloroethane-d4	5.31	65	58510	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.60%			
32) Benzene-d6	5.33	84	243915	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
36) 1,2-Dichloropropane-d6	6.33	67	71916	4.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.60%			
41) Toluene-d8	7.56	98	238867	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.40%			
43) trans-1,3-Dichloropropene-	7.85	79	31301	4.39	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.80%			
46) 2-Hexanone-d5	8.31	63	146597	48.14	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.28%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	60644	4.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	105489	4.81	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	88471	4.999	ug/L	98
3) Chloromethane	1.32	50	79189	4.735	ug/L	100
5) Vinyl chloride	1.40	62	95982	5.098	ug/L	96
6) Bromomethane	1.62	94	44069	3.291	ug/L	100
8) Chloroethane	1.70	64	61339	5.229	ug/L	99
9) Trichlorofluoromethane	1.88	101	145859	5.060	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	84694	4.948	ug/L	99
12) 1,1-Dichloroethene	2.28	96	80850	5.022	ug/L	95
13) Acetone	2.32	43	123230	52.730	ug/L	99
14) Carbon disulfide	2.48	76	267998	4.943	ug/L	100
15) Methyl Acetate	2.61	43	33041	5.061	ug/L	99
16) Methylene chloride	2.70	84	84552	4.777	ug/L	97
17) Methyl tert-butyl Ether	3.00	73	200260	4.938	ug/L	100
18) trans-1,2-Dichloroethene	2.98	96	86372	4.938	ug/L	95
19) 1,1-Dichloroethane	3.44	63	147201	5.518	ug/L	97
21) 2-Butanone	4.27	43	158487	54.664	ug/L	100
22) cis-1,2-Dichloroethene	4.22	96	79978	5.089	ug/L	100

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDCCC005

Quant Time: Feb 12 11:50:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 12 01:17:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.54	128	36671	5.102 ug/L	98
25) Chloroform	4.67	83	136424	5.384 ug/L	99
27) 1,2-Dichloroethane	5.40	62	78995	5.288 ug/L	96
29) 1,1,1-Trichloroethane	4.91	97	120352	5.126 ug/L	99
30) Cyclohexane	4.99	56	113109	5.069 ug/L	96
31) Carbon tetrachloride	5.13	117	109025	5.062 ug/L	97
33) Benzene	5.39	78	281541	5.176 ug/L	100
34) Trichloroethene	6.18	95	80124	5.157 ug/L	96
35) Methylcyclohexane	6.41	83	132861	4.993 ug/L	99
37) 1,2-Dichloropropane	6.43	63	71111	5.158 ug/L	100
38) Bromodichloromethane	6.76	83	93750	4.963 ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	112906	5.079 ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	403330	51.784 ug/L	100
42) Toluene	7.63	91	318486	5.128 ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	91106	4.884 ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	53737	4.999 ug/L	98
47) Tetrachloroethene	8.22	164	72391	5.020 ug/L	99
48) 2-Hexanone	8.36	43	289025	53.573 ug/L	98
49) Dibromochloromethane	8.47	129	73033	4.939 ug/L	98
50) 1,2-Dibromoethane	8.58	107	55063	5.292 ug/L	96
51) Chlorobenzene	9.12	112	216761	5.058 ug/L	99
52) Ethylbenzene	9.25	91	362022	5.115 ug/L	99
53) m,p-xylene	9.37	106	145223	5.136 ug/L	98
54) o-xylene	9.77	106	142801	5.200 ug/L	100
55) Styrene	9.79	104	237357	5.190 ug/L	100
56) Isopropylbenzene	10.16	105	379137	5.195 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	66550	5.018 ug/L	93
59) 1,2,3-Trichloropropane	10.49	75	45740	5.227 ug/L	97
61) Bromoform	9.95	173	44565	4.723 ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	194036	5.219 ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	194029	5.126 ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	181840	5.212 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	11241	4.799 ug/L	96
67) 1,3,5-Trichlorobenzene	12.88	180	159892	5.207 ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	138972	5.175 ug/L	100
69) Naphthalene	13.74	128	231196	5.550 ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	127588	5.254 ug/L	99

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

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