Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041019\
Data File : VU030911.D
Acq On : 08 Apr 2019 17:35
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00511

Quant Time: Apr 09 01:13:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 09 01:08:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	304565	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	297979	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	139214	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	98969	4.25	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.00%			
7) Chloroethane-d5	1.68	69	83991	4.48	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.60%			
11) 1,1-Dichloroethene-d2	2.27	63	218120	4.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.60%			
20) 2-Butanone-d5	4.19	46	274204	45.72	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.44%			
24) Chloroform-d	4.64	84	169915	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.00%			
26) 1,2-Dichloroethane-d4	5.31	65	99800	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.20%			
32) Benzene-d6	5.33	84	356055	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.80%			
36) 1,2-Dichloropropane-d6	6.33	67	114772	4.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.20%			
41) Toluene-d8	7.56	98	310655	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.60%			
43) trans-1,3-Dichloropropene-	7.85	79	42306	4.33	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.60%			
46) 2-Hexanone-d5	8.31	63	212343	49.96	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.92%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	93315	4.95	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	103159	4.43	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	170330	5.020	ug/L	99
3) Chloromethane	1.32	50	187887	4.724	ug/L	99
5) Vinyl chloride	1.40	62	185175	5.081	ug/L	96
6) Bromomethane	1.62	94	90650	5.085	ug/L	99
8) Chloroethane	1.69	64	104986	5.064	ug/L	99
9) Trichlorofluoromethane	1.88	101	220613	5.341	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	119971	5.223	ug/L	98
12) 1,1-Dichloroethene	2.28	96	113690	5.116	ug/L	89
13) Acetone	2.32	43	244350	52.700	ug/L	99
14) Carbon disulfide	2.47	76	385948	4.952	ug/L	99
15) Methyl Acetate	2.61	43	68125	5.688	ug/L	94
16) Methylene chloride	2.69	84	135937	5.247	ug/L	97
17) Methyl tert-butyl Ether	3.00	73	311544	5.237	ug/L	99
18) trans-1,2-Dichloroethene	2.97	96	121409	5.175	ug/L	97
19) 1,1-Dichloroethane	3.43	63	241311	4.862	ug/L	99
21) 2-Butanone	4.28	43	371774	50.593	ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	125382	5.012	ug/L	97

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Acq On : 08 Apr 2019 17:35
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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00511

Quant Time: Apr 09 01:13:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 09 01:08:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.54	128	52909	5.294	ug/L		97
25) Chloroform	4.67	83	244178	5.397	ug/L		99
27) 1,2-Dichloroethane	5.40	62	144405	4.919	ug/L		97
29) 1,1,1-Trichloroethane	4.90	97	190305	5.013	ug/L		99
30) Cyclohexane	4.98	56	210027	4.583	ug/L		98
31) Carbon tetrachloride	5.12	117	164407	5.159	ug/L		96
33) Benzene	5.38	78	495350	4.914	ug/L		100
34) Trichloroethene	6.18	95	120749	4.785	ug/L		96
35) Methylcyclohexane	6.41	83	188439	4.679	ug/L		99
37) 1,2-Dichloropropane	6.43	63	132587	4.780	ug/L		99
38) Bromodichloromethane	6.75	83	157848	4.873	ug/L		96
39) cis-1,3-Dichloropropene	7.27	75	177341	4.780	ug/L		99
40) 4-Methyl-2-pentanone	7.46	43	878779	50.782	ug/L		99
42) Toluene	7.63	91	513665	5.081	ug/L		99
44) trans-1,3-Dichloropropene	7.88	75	139385	4.854	ug/L		98
45) 1,1,2-Trichloroethane	8.06	97	86145	5.208	ug/L		95
47) Tetrachloroethene	8.22	164	91537	5.172	ug/L		99
48) 2-Hexanone	8.36	43	621724	51.852	ug/L		98
49) Dibromochloromethane	8.47	129	97084	4.908	ug/L		97
50) 1,2-Dibromoethane	8.58	107	79107	5.131	ug/L	#	100
51) Chlorobenzene	9.12	112	297236	4.768	ug/L		99
52) Ethylbenzene	9.25	91	531459	4.929	ug/L		98
53) m,p-Xylene	9.37	106	194403	5.162	ug/L		94
54) o-Xylene	9.78	106	181777	4.922	ug/L		98
55) Styrene	9.79	104	325323	5.221	ug/L		98
56) Isopropylbenzene	10.16	105	494440	5.012	ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.46	83	108537	4.936	ug/L		96
59) 1,2,3-Trichloropropane	10.49	75	78429	5.060	ug/L		99
61) Bromoform	9.95	173	55431	5.258	ug/L		98
62) 1,3-Dichlorobenzene	11.41	146	214752	4.889	ug/L		99
63) 1,4-Dichlorobenzene	11.50	146	222515	4.832	ug/L		99
65) 1,2-Dichlorobenzene	11.88	146	209824	4.909	ug/L		95
66) 1,2-Dibromo-3-chloropropan	12.66	75	16564	5.008	ug/L		97
67) 1,3,5-Trichlorobenzene	12.89	180	163174	4.979	ug/L		99
68) 1,2,4-trichlorobenzene	13.50	180	129481	5.115	ug/L		98
69) Naphthalene	13.74	128	202645	4.985	ug/L		99
70) 1,2,3-Trichlorobenzene	13.98	180	122977	5.213	ug/L		98

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

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