Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041019\
Data File : VU030975.D
Acq On : 09 Apr 2019 23:04
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00515

Quant Time: Apr 10 04:32:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 10 01:53:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	250614	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	249112	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	113231	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	75028	3.92	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.40%			
7) Chloroethane-d5	1.68	69	69530	4.50	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.00%			
11) 1,1-Dichloroethene-d2	2.27	63	173976	4.44	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.80%			
20) 2-Butanone-d5	4.18	46	257703	52.22	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.44%			
24) Chloroform-d	4.64	84	143550	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.40%			
26) 1,2-Dichloroethane-d4	5.31	65	82908	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.20%			
32) Benzene-d6	5.33	84	278312	4.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.00%			
36) 1,2-Dichloropropane-d6	6.33	67	93910	4.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.40%			
41) Toluene-d8	7.56	98	246367	4.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.20%			
43) trans-1,3-Dichloropropene-	7.85	79	34229	4.19	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.80%			
46) 2-Hexanone-d5	8.31	63	175978	49.53	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.06%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	80810	5.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	87027	4.59	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	134784	4.828	ug/L	100
3) Chloromethane	1.32	50	147150	4.496	ug/L	100
5) Vinyl chloride	1.40	62	149571	4.988	ug/L	99
6) Bromomethane	1.62	94	76254	5.198	ug/L	99
8) Chloroethane	1.69	64	87445	5.126	ug/L	98
9) Trichlorofluoromethane	1.88	101	184394	5.425	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	97028	5.133	ug/L	98
12) 1,1-Dichloroethene	2.28	96	94151	5.149	ug/L	89
13) Acetone	2.32	43	226886	59.468	ug/L	99
14) Carbon disulfide	2.47	76	311204	4.853	ug/L	99
15) Methyl Acetate	2.61	43	60664	6.155	ug/L	96
16) Methylene chloride	2.69	84	109904	5.155	ug/L	98
17) Methyl tert-butyl Ether	3.00	73	274834	5.614	ug/L	98
18) trans-1,2-Dichloroethene	2.97	96	99576	5.158	ug/L	98
19) 1,1-Dichloroethane	3.44	63	197125	4.827	ug/L	99
21) 2-Butanone	4.27	43	327884	54.226	ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	101829	4.946	ug/L	93

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Acq On : 09 Apr 2019 23:04
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00515

Quant Time: Apr 10 04:32:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 10 01:53:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.54	128	45962	5.589 ug/L	91
25) Chloroform	4.67	83	197829	5.314 ug/L	99
27) 1,2-Dichloroethane	5.40	62	122222	5.060 ug/L	97
29) 1,1,1-Trichloroethane	4.91	97	158382	4.991 ug/L	98
30) Cyclohexane	4.98	56	151755	3.961 ug/L	94
31) Carbon tetrachloride	5.12	117	137187	5.149 ug/L	96
33) Benzene	5.38	78	402186	4.773 ug/L	100
34) Trichloroethene	6.18	95	101251	4.800 ug/L	95
35) Methylcyclohexane	6.41	83	139728	4.150 ug/L	98
37) 1,2-Dichloropropane	6.43	63	104360	4.500 ug/L #	96
38) Bromodichloromethane	6.75	83	132660	4.899 ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	136254	4.393 ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	760731	52.584 ug/L	99
42) Toluene	7.63	91	421178	4.984 ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	116681	4.861 ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	72319	5.230 ug/L	95
47) Tetrachloroethene	8.22	164	75256	5.086 ug/L	95
48) 2-Hexanone	8.36	43	570066	56.870 ug/L	97
49) Dibromochloromethane	8.47	129	88590	5.357 ug/L	98
50) 1,2-Dibromoethane	8.58	107	70577	5.475 ug/L	96
51) Chlorobenzene	9.12	112	251122	4.819 ug/L	99
52) Ethylbenzene	9.25	91	410622	4.555 ug/L	96
53) m,p-Xylene	9.37	106	151738	4.819 ug/L	95
54) o-Xylene	9.77	106	146863	4.757 ug/L	98
55) Styrene	9.79	104	259085	4.974 ug/L	100
56) Isopropylbenzene	10.16	105	387854	4.702 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	96628	5.256 ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	67695	5.224 ug/L	97
61) Bromoform	9.95	173	51760	6.036 ug/L	97
62) 1,3-Dichlorobenzene	11.41	146	173799	4.865 ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	174081	4.648 ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	171900	4.945 ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.65	75	15464	5.749 ug/L	90
67) 1,3,5-Trichlorobenzene	12.88	180	129508	4.858 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	101966	4.953 ug/L	99
69) Naphthalene	13.74	128	161202	4.876 ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	102429	5.338 ug/L	96

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

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