Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061419\
Data File : VU032722.D
Acq On : 14 Jun 2019 14:13
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00525

Quant Time: Jun 14 23:49:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 07:38:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	111272	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	103603	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	58429	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	31981	4.42	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.40%			
7) Chloroethane-d5	1.66	69	27794	4.49	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.80%			
11) 1,1-Dichloroethene-d2	2.27	63	69961	4.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.40%			
20) 2-Butanone-d5	4.18	46	96818	47.95	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.90%			
24) Chloroform-d	4.64	84	69233	5.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.80%			
26) 1,2-Dichloroethane-d4	5.30	65	37693	5.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 111.40%			
32) Benzene-d6	5.33	84	133956	5.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.00%			
36) 1,2-Dichloropropane-d6	6.32	67	41834	5.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.40%			
41) Toluene-d8	7.56	98	125707	5.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.60%			
43) trans-1,3-Dichloropropene-	7.84	79	18360	5.41	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 108.20%			
46) 2-Hexanone-d5	8.31	63	90102	53.01	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.02%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	38340	5.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 114.60%			
64) 1,2-Dichlorobenzene-d4	11.85	152	53577	5.10	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	49922	5.229	ug/L	100
3) Chloromethane	1.33	50	47895	4.837	ug/L	99
5) Vinyl chloride	1.40	62	46824	4.811	ug/L	99
6) Bromomethane	1.60	94	26501	4.464	ug/L	99
8) Chloroethane	1.68	64	27980	4.500	ug/L	99
9) Trichlorofluoromethane	1.87	101	68325	4.905	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	36498	4.928	ug/L	97
12) 1,1-Dichloroethene	2.28	96	32722	4.628	ug/L	97
13) Acetone	2.32	43	78350	49.998	ug/L	97
14) Carbon disulfide	2.47	76	101669	4.491	ug/L	99
15) Methyl Acetate	2.61	43	19989	4.649	ug/L	100
16) Methylene chloride	2.69	84	36595	4.667	ug/L	95
17) Methyl tert-butyl Ether	3.00	73	99243	4.800	ug/L	98
18) trans-1,2-Dichloroethene	2.97	96	36043	4.725	ug/L	96
19) 1,1-Dichloroethane	3.43	63	70474	5.162	ug/L	99
21) 2-Butanone	4.27	43	121652	53.376	ug/L	98
22) cis-1,2-Dichloroethene	4.21	96	41409	4.797	ug/L	88

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Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00525

Quant Time: Jun 14 23:49:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 07:38:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.54	128	19274	5.187 ug/L	98
25) Chloroform	4.66	83	73122	5.242 ug/L	94
27) 1,2-Dichloroethane	5.40	62	49603	5.411 ug/L	99
29) 1,1,1-Trichloroethane	4.90	97	64174	5.083 ug/L	98
30) Cyclohexane	4.98	56	62980	4.720 ug/L	99
31) Carbon tetrachloride	5.12	117	56956	4.962 ug/L	100
33) Benzene	5.38	78	153789	5.035 ug/L	100
34) Trichloroethene	6.18	95	41796	4.757 ug/L	98
35) Methylcyclohexane	6.41	83	67079	4.747 ug/L	98
37) 1,2-Dichloropropane	6.42	63	41046	5.194 ug/L	99
38) Bromodichloromethane	6.75	83	51507	5.070 ug/L	97
39) cis-1,3-Dichloropropene	7.26	75	60313	4.971 ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	290703	51.688 ug/L	98
42) Toluene	7.63	91	166718	4.897 ug/L	98
44) trans-1,3-Dichloropropene	7.87	75	50192	5.181 ug/L	97
45) 1,1,2-Trichloroethane	8.06	97	28795	5.008 ug/L	95
47) Tetrachloroethene	8.22	164	34692	5.017 ug/L	96
48) 2-Hexanone	8.36	43	209346	52.087 ug/L	99
49) Dibromochloromethane	8.47	129	36291	4.934 ug/L	98
50) 1,2-Dibromoethane	8.58	107	29147	5.086 ug/L	100
51) Chlorobenzene	9.11	112	106294	4.980 ug/L	99
52) Ethylbenzene	9.24	91	183126	4.881 ug/L	100
53) m,p-Xylene	9.37	106	69743	4.903 ug/L	99
54) o-Xylene	9.77	106	68391	4.818 ug/L	99
55) Styrene	9.79	104	117713	5.040 ug/L	100
56) Isopropylbenzene	10.16	105	184353	4.923 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	39980	5.437 ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	28299	5.453 ug/L	98
61) Bromoform	9.95	173	21951	4.676 ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	91507	4.797 ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	93778	4.836 ug/L	100
65) 1,2-Dichlorobenzene	11.87	146	89307	4.846 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	6785	5.243 ug/L	94
67) 1,3,5-Trichlorobenzene	12.88	180	76388	4.997 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	65022	5.275 ug/L	98
69) Naphthalene	13.74	128	118134	5.467 ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	61084	4.976 ug/L	98

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

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