Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010419\
Data File : VU029020.D
Acq On : 04 Jan 2019 12:03
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00552

Quant Time: Jan 04 22:44:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 04 22:41:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	93028	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	87744	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	43800	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	28006	5.63	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 112.60%			
7) Chloroethane-d5	1.68	69	23642	5.44	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.80%			
11) 1,1-Dichloroethene-d2	2.27	63	53578	5.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.60%			
20) 2-Butanone-d5	4.20	46	71790	55.17	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.34%			
24) Chloroform-d	4.65	84	51541	5.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.40%			
26) 1,2-Dichloroethane-d4	5.31	65	25172	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.00%			
32) Benzene-d6	5.34	84	106530	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.80%			
36) 1,2-Dichloropropane-d6	6.33	67	35667	5.44	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.80%			
41) Toluene-d8	7.56	98	99647	5.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.00%			
43) trans-1,3-Dichloropropene-	7.85	79	13584	5.51	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 110.20%			
46) 2-Hexanone-d5	8.31	63	64480	57.36	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 114.72%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	27233	5.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	34980	4.77	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	40925	5.023	ug/L	98
3) Chloromethane	1.32	50	46244	5.087	ug/L	99
5) Vinyl chloride	1.40	62	47949	5.162	ug/L	97
6) Bromomethane	1.63	94	20958	4.873	ug/L	98
8) Chloroethane	1.70	64	26946	5.083	ug/L	98
9) Trichlorofluoromethane	1.88	101	49129	4.625	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	31971	4.664	ug/L	98
12) 1,1-Dichloroethene	2.28	96	30896	4.635	ug/L	85
13) Acetone	2.34	43	49976	47.582	ug/L	100
14) Carbon disulfide	2.48	76	107707	4.625	ug/L	99
15) Methyl Acetate	2.62	43	15812	5.138	ug/L	92
16) Methylene chloride	2.70	84	34841	3.651	ug/L	95
17) Methyl tert-butyl Ether	3.00	73	77583	4.740	ug/L	97
18) trans-1,2-Dichloroethene	2.98	96	33949	4.639	ug/L	98
19) 1,1-Dichloroethane	3.44	63	61245	4.930	ug/L	98
21) 2-Butanone	4.29	43	86169	54.837	ug/L	94
22) cis-1,2-Dichloroethene	4.22	96	36073	4.765	ug/L	92

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ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.55	128	15235	4.959 ug/L	95
25) Chloroform	4.67	83	59610	5.050 ug/L	99
27) 1,2-Dichloroethane	5.40	62	35669	5.108 ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	48681	5.052 ug/L	98
30) Cyclohexane	4.99	56	57264	4.960 ug/L	96
31) Carbon tetrachloride	5.13	117	38840	5.062 ug/L	98
33) Benzene	5.39	78	142520	5.080 ug/L	100
34) Trichloroethene	6.18	95	35367	4.930 ug/L	97
35) Methylcyclohexane	6.41	83	58335	4.734 ug/L	95
37) 1,2-Dichloropropane	6.43	63	39024	5.460 ug/L	99
38) Bromodichloromethane	6.76	83	42023	5.222 ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	51287	5.004 ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	211704	55.662 ug/L	97
42) Toluene	7.64	91	148536	4.946 ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	41823	5.237 ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	24496	5.036 ug/L	95
47) Tetrachloroethene	8.22	164	28221	4.750 ug/L	97
48) 2-Hexanone	8.37	43	149495	56.822 ug/L	97
49) Dibromochloromethane	8.48	129	27563	5.337 ug/L	100
50) 1,2-Dibromoethane	8.58	107	23336	5.129 ug/L	99
51) Chlorobenzene	9.12	112	90820	4.821 ug/L	96
52) Ethylbenzene	9.25	91	153408	4.815 ug/L	98
53) m,p-xylene	9.37	106	59183	4.881 ug/L	100
54) o-xylene	9.78	106	57237	4.863 ug/L	98
55) Styrene	9.79	104	97455	4.975 ug/L	100
56) Isopropylbenzene	10.16	105	147868	4.764 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	32944	5.532 ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	22379	5.371 ug/L	99
61) Bromoform	9.96	173	15583	5.214 ug/L	95
62) 1,3-Dichlorobenzene	11.41	146	68952	4.657 ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	68280	4.519 ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	66087	4.717 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	4413	5.335 ug/L	91
67) 1,3,5-Trichlorobenzene	12.89	180	54135	4.725 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	44274	4.637 ug/L	99
69) Naphthalene	13.74	128	75099	4.599 ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	42712	4.690 ug/L	99

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

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