Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092719\
Data File : VU034844.D
Acq On : 26 Sep 2019 15:41
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00522

Quant Time: Sep 27 05:03:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 18:16:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	131206	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	124456	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	62839	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	43024	4.12	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.40%			
7) Chloroethane-d5	1.67	69	35165	4.15	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.00%			
11) 1,1-Dichloroethene-d2	2.26	63	83118	4.51	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.20%			
20) 2-Butanone-d5	4.16	46	125418	48.87	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.74%			
24) Chloroform-d	4.62	84	66089	4.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.00%			
26) 1,2-Dichloroethane-d4	5.29	65	36486	4.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.40%			
32) Benzene-d6	5.32	84	136906	4.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.60%			
36) 1,2-Dichloropropane-d6	6.31	67	44698	4.00	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 80.00%			
41) Toluene-d8	7.54	98	130517	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.40%			
43) trans-1,3-Dichloropropene-	7.83	79	17194	3.80	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.00%			
46) 2-Hexanone-d5	8.29	63	95793	47.60	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.20%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	38042	4.38	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.60%			
64) 1,2-Dichlorobenzene-d4	11.84	152	46557	4.30	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	43870	4.415	ug/L	97
3) Chloromethane	1.32	50	47415	5.061	ug/L	97
5) Vinyl chloride	1.40	62	46342	4.722	ug/L	100
6) Bromomethane	1.62	94	24744	5.057	ug/L	91
8) Chloroethane	1.69	64	28485	4.979	ug/L	97
9) Trichlorofluoromethane	1.87	101	65063	5.002	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	38371	5.250	ug/L #	86
12) 1,1-Dichloroethene	2.27	96	32892	5.083	ug/L	98
13) Acetone	2.31	43	113242	57.111	ug/L	97
14) Carbon disulfide	2.46	76	78599	4.738	ug/L	98
15) Methyl Acetate	2.60	43	26510	5.478	ug/L	97
16) Methylene chloride	2.68	84	41389	4.808	ug/L	98
17) Methyl tert-butyl Ether	2.98	73	117871	5.201	ug/L	98
18) trans-1,2-Dichloroethene	2.96	96	35061	5.214	ug/L	95
19) 1,1-Dichloroethane	3.42	63	75762	4.615	ug/L	98
21) 2-Butanone	4.25	43	168745	59.116	ug/L	98
22) cis-1,2-Dichloroethene	4.20	96	40043	4.452	ug/L	100

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 18:16:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.52	128	17665	5.328 ug/L	92
25) Chloroform	4.65	83	74321	4.048 ug/L	94
27) 1,2-Dichloroethane	5.38	62	49221	4.659 ug/L	97
29) 1,1,1-Trichloroethane	4.88	97	58400	4.451 ug/L	99
30) Cyclohexane	4.96	56	61851	4.484 ug/L	99
31) Carbon tetrachloride	5.10	117	46874	4.390 ug/L	95
33) Benzene	5.36	78	152263	4.525 ug/L	100
34) Trichloroethene	6.16	95	39198	4.673 ug/L	96
35) Methylcyclohexane	6.39	83	59594	4.399 ug/L	99
37) 1,2-Dichloropropane	6.41	63	45683	4.397 ug/L #	98
38) Bromodichloromethane	6.73	83	54521	4.385 ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	66561	4.550 ug/L	98
40) 4-Methyl-2-pentanone	7.44	43	420341	53.678 ug/L	97
42) Toluene	7.61	91	167293	4.600 ug/L	98
44) trans-1,3-Dichloropropene	7.86	75	51946	4.377 ug/L	99
45) 1,1,2-Trichloroethane	8.04	97	30953	4.684 ug/L	97
47) Tetrachloroethene	8.21	164	28179	5.541 ug/L	94
48) 2-Hexanone	8.34	43	297297	56.490 ug/L	95
49) Dibromochloromethane	8.46	129	36062	4.653 ug/L	100
50) 1,2-Dibromoethane	8.57	107	28909	4.798 ug/L	100
51) Chlorobenzene	9.10	112	109068	4.785 ug/L	98
52) Ethylbenzene	9.23	91	193000	4.591 ug/L	97
53) m,p-Xylene	9.35	106	69897	4.688 ug/L	95
54) o-Xylene	9.76	106	69782	4.659 ug/L	93
55) Styrene	9.77	104	119154	4.789 ug/L	91
56) Isopropylbenzene	10.14	105	191530	4.603 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.44	83	46243	4.740 ug/L	99
59) 1,2,3-Trichloropropane	10.47	75	32975	4.858 ug/L	99
61) Bromoform	9.94	173	20178	4.862 ug/L #	97
62) 1,3-Dichlorobenzene	11.40	146	88443	4.794 ug/L	93
63) 1,4-Dichlorobenzene	11.49	146	88861	4.825 ug/L	96
65) 1,2-Dichlorobenzene	11.85	146	86337	4.782 ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.64	75	7114	4.351 ug/L #	78
67) 1,3,5-Trichlorobenzene	12.86	180	65863	5.462 ug/L	96
68) 1,2,4-trichlorobenzene	13.49	180	54570	5.676 ug/L	98
69) Naphthalene	13.72	128	113259	4.837 ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	51012	5.664 ug/L	98

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

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