Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091818\
Data File : VU026888.D
Acq On : 19 Sep 2018 01:19
Operator : MD/SY
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05048

Quant Time: Sep 19 07:41:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 07:38:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	252127	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	242893	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	124663	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	83230	44.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 89.26%			
7) Chloroethane-d5	1.68	69	74936	46.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.88%			
11) 1,1-Dichloroethene-d2	2.27	63	167178	47.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.74%			
21) 2-Butanone-d5	4.18	46	131367	106.14	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.14%			
24) Chloroform-d	4.65	84	169885	49.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.20%			
26) 1,2-Dichloroethane-d4	5.31	65	107267	49.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.48%			
32) Benzene-d6	5.34	84	343616	50.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.96%			
36) 1,2-Dichloropropane-d6	6.33	67	110275	50.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.56%			
41) Toluene-d8	7.57	98	313102	50.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.82%			
43) trans-1,3-Dichloropropene-	7.85	79	45581	46.55	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.10%			
47) 2-Hexanone-d5	8.31	63	96648	112.12	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.12%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	152041	49.72	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.44%			
64) 1,2-Dichlorobenzene-d4	11.86	152	128447	49.53	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.06%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	117858	49.462	ug/L	100
3) Chloromethane	1.33	50	118943	48.937	ug/L	100
5) Vinyl chloride	1.40	62	116747	49.357	ug/L	100
6) Bromomethane	1.62	94	39946	34.192	ug/L	96
8) Chloroethane	1.70	64	72676	49.030	ug/L	100
9) Trichlorofluoromethane	1.88	101	148865	50.653	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	84133	48.327	ug/L	100
12) 1,1-Dichloroethene	2.28	96	80749	49.388	ug/L	98
13) Acetone	2.32	43	94511	77.690	ug/L	100
14) Carbon disulfide	2.48	76	265788	47.107	ug/L	99
15) Methyl Acetate	2.61	43	110973	52.650	ug/L	99
16) Methylene chloride	2.70	84	100885	48.539	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	88944	49.393	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	278216	52.833	ug/L	100
19) 1,1-Dichloroethane	3.45	63	175983	50.669	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	99983	50.483	ug/L	99
22) 2-Butanone	4.26	43	149396	99.584	ug/L	99

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Instrument : MSVOA_U
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 07:38:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	52363	48.967	ug/L	99
25) Chloroform	4.67	83	174046	49.475	ug/L	99
27) 1,2-Dichloroethane	5.40	62	137343	50.031	ug/L	100
29) Cyclohexane	5.00	56	152038	53.910	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	145085	50.209	ug/L	100
31) Carbon tetrachloride	5.14	117	128863	49.764	ug/L	99
33) Benzene	5.39	78	388365	51.572	ug/L	100
34) Trichloroethene	6.19	95	89649	49.610	ug/L	98
35) Methylcyclohexane	6.42	83	153478	52.103	ug/L	99
37) 1,2-Dichloropropane	6.43	63	106157	51.317	ug/L	100
38) Bromodichloromethane	6.76	83	127502	49.701	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	141534	48.434	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	271008	110.255	ug/L	99
42) Toluene	7.64	91	398359	52.273	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	130656	47.753	ug/L	97
45) 1,1,2-Trichloroethane	8.07	97	95792	50.791	ug/L	98
46) Tetrachloroethene	8.23	164	80395	50.186	ug/L	98
48) 2-Hexanone	8.36	43	210022	105.926	ug/L	99
49) Dibromochloromethane	8.48	129	104514	48.955	ug/L	96
50) 1,2-Dibromoethane	8.59	107	98686	50.191	ug/L	96
51) Chlorobenzene	9.12	112	257318	49.762	ug/L	99
52) Ethylbenzene	9.25	91	423195	53.014	ug/L	100
53) m,p-Xylene	9.38	106	163551	53.295	ug/L	100
54) o-xylene	9.78	106	162545	54.362	ug/L	95
55) Styrene	9.79	104	282337	54.692	ug/L	100
56) Isopropylbenzene	10.17	105	414273	54.240	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	156744	49.412	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	125651	50.708	ug/L	100
61) Bromoform	9.96	173	77680	47.385	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	193323	50.870	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	204532	48.877	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	210416	50.004	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	30883	48.377	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	151373	51.473	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	130482	51.488	ug/L	100
69) Naphthalene	13.75	128	422247	56.557	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	149441	53.549	ug/L	100

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

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