Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090818\
Data File : VU026619.D
Acq On : 07 Sep 2018 14:48
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05043

Quant Time: Sep 08 01:17:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 07 05:26:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	161379	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	152962	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	74513	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	49654	49.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 99.32%			
7) Chloroethane-d5	1.67	69	44737	49.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.08%			
11) 1,1-Dichloroethene-d2	2.27	63	98995	43.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.92%			
21) 2-Butanone-d5	4.18	46	85099	109.66	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.66%			
24) Chloroform-d	4.65	84	100455	53.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.38%			
26) 1,2-Dichloroethane-d4	5.31	65	63822	50.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.52%			
32) Benzene-d6	5.34	84	189520	53.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.52%			
36) 1,2-Dichloropropane-d6	6.33	67	65068	53.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.46%			
41) Toluene-d8	7.57	98	176475	51.85	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.70%			
43) trans-1,3-Dichloropropene-	7.85	79	29248	52.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.76%			
47) 2-Hexanone-d5	8.31	63	62017	111.65	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.65%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	94264	52.83	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.66%			
64) 1,2-Dichlorobenzene-d4	11.86	152	72515	53.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	65429	52.00	ug/L	98
3) Chloromethane	1.32	50	80004	51.49	ug/L	100
5) Vinyl chloride	1.40	62	83876	49.80	ug/L	98
6) Bromomethane	1.62	94	41828	41.89	ug/L	100
8) Chloroethane	1.69	64	51186	50.61	ug/L	99
9) Trichlorofluoromethane	1.88	101	106059	49.52	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	60617	50.72	ug/L	98
12) 1,1-Dichloroethene	2.28	96	54079	46.95	ug/L	96
13) Acetone	2.32	43	92635	137.85	ug/L	99
14) Carbon disulfide	2.48	76	164162	50.36	ug/L	100
15) Methyl Acetate	2.61	43	71928	54.51	ug/L	99
16) Methylene chloride	2.70	84	65294	55.13	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	55988	53.74	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	182063	57.56	ug/L	99
19) 1,1-Dichloroethane	3.44	63	113548	55.46	ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	65302	55.95	ug/L	98
22) 2-Butanone	4.26	43	112450	124.50	ug/L	99

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Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	33840	56.27	ug/L	94
25) Chloroform	4.67	83	115331	55.16	ug/L	100
27) 1,2-Dichloroethane	5.40	62	91604	54.32	ug/L	98
29) Cyclohexane	5.00	56	97325	58.40	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	95534	56.76	ug/L	98
31) Carbon tetrachloride	5.13	117	86252	56.39	ug/L	99
33) Benzene	5.39	78	251472	57.34	ug/L	100
34) Trichloroethene	6.19	95	61628	56.03	ug/L	99
35) Methylcyclohexane	6.42	83	102728	59.81	ug/L	99
37) 1,2-Dichloropropane	6.43	63	71440	58.85	ug/L	99
38) Bromodichloromethane	6.76	83	87938	56.80	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	102386	59.19	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	189802	115.93	ug/L	100
42) Toluene	7.64	91	264284	57.76	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	95742	58.07	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	62840	56.50	ug/L	97
46) Tetrachloroethene	8.23	164	51611	57.39	ug/L	98
48) 2-Hexanone	8.36	43	156898	121.68	ug/L	98
49) Dibromochloromethane	8.48	129	72353	57.74	ug/L	100
50) 1,2-Dibromoethane	8.59	107	67159	56.71	ug/L	97
51) Chlorobenzene	9.12	112	168116	54.94	ug/L	100
52) Ethylbenzene	9.25	91	283304	56.93	ug/L	100
53) m,p-Xylene	9.38	106	108400	58.33	ug/L	99
54) o-xylene	9.78	106	106319	58.67	ug/L	99
55) Styrene	9.79	104	183715	58.03	ug/L	98
56) Isopropylbenzene	10.17	105	277382	58.48	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	109789	56.04	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	83834	55.34	ug/L	98
61) Bromoform	9.96	173	55245	60.07	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	125503	57.56	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	129348	56.09	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	137224	59.67	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	22112	57.18	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	102169	58.06	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	84801	55.18	ug/L	100
69) Naphthalene	13.75	128	278194	57.97	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	96065	56.92	ug/L	100

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

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