Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080918\
Data File : VU025978.D
Acq On : 08 Aug 2018 19:17
Operator : MD/SY
Sample : VSTD00542
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00542

Quant Time: Aug 09 01:27:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 09 01:26:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	293694	50.00	ug/L		0.00
28) Chlorobenzene-d5	9.09	117	274763	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	119205	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	10948	6.39	ug/L		0.00
7) Chloroethane-d5	1.68	69	8472	6.50	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.27	63	19970	5.94	ug/L		0.00
21) 2-Butanone-d5	4.19	46	17383	14.08	ug/L		0.00
24) Chloroform-d	4.65	84	22951	6.73	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.32	65	16169	7.17	ug/L		0.00
32) Benzene-d6	5.35	84	42178	6.47	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.34	67	13635	6.67	ug/L		0.00
41) Toluene-d8	7.57	98	39593	6.28	ug/L		0.00
43) trans-1,3-Dichloropropene-	7.85	79	6351	5.98	ug/L		0.00
47) 2-Hexanone-d5	8.32	63	11017	12.63	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	19097	6.64	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	14735	6.89	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	12909	5.62	ug/L		99
3) Chloromethane	1.33	50	11891	6.09	ug/L		96
5) Vinyl chloride	1.40	62	10807	5.23	ug/L		93
6) Bromomethane	1.63	94	5448	5.64	ug/L		89
8) Chloroethane	1.70	64	7014	5.87	ug/L		89
9) Trichlorofluoromethane	1.89	101	16097	5.45	ug/L		99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	9339	5.58	ug/L		98
12) 1,1-Dichloroethene	2.28	96	8588	5.63	ug/L		92
13) Acetone	2.32	43	12947	10.08	ug/L		98
14) Carbon disulfide	2.48	76	27581	5.15	ug/L		97
15) Methyl Acetate	2.62	43	11867	5.71	ug/L		100
16) Methylene chloride	2.70	84	12406	6.34	ug/L		97
17) trans-1,2-Dichloroethene	2.99	96	9201	5.01	ug/L		94
18) Methyl tert-butyl Ether	3.00	73	30233	5.16	ug/L		96
19) 1,1-Dichloroethane	3.45	63	18898	5.63	ug/L		97
20) cis-1,2-Dichloroethene	4.23	96	10919	5.31	ug/L		93
22) 2-Butanone	4.27	43	15489	9.45	ug/L		98
23) Bromochloromethane	4.55	128	5807	5.34	ug/L		94
25) Chloroform	4.68	83	19037	5.35	ug/L		96
27) 1,2-Dichloroethane	5.41	62	16117	5.64	ug/L		95
29) Cyclohexane	5.00	56	14349	4.89	ug/L		97
30) 1,1,1-Trichloroethane	4.92	97	17895	5.63	ug/L		98
31) Carbon tetrachloride	5.14	117	15812	5.53	ug/L		96
33) Benzene	5.39	78	38038	5.22	ug/L		100
34) Trichloroethene	6.19	95	10145	5.05	ug/L		95
35) Methylcyclohexane	6.42	83	14419	4.73	ug/L		99
37) 1,2-Dichloropropane	6.44	63	10586	5.43	ug/L	#	96
38) Bromodichloromethane	6.76	83	13741	5.19	ug/L	#	98
39) cis-1,3-Dichloropropene	7.27	75	14630	4.63	ug/L		96
40) 4-Methyl-2-pentanone	7.46	43	26751	10.01	ug/L		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	7.64	91	38833	4.89	ug/L		99
44) trans-1,3-Dichloropropene	7.89	75	13942	4.70	ug/L		99
45) 1,1,2-Trichloroethane	8.07	97	9926	5.30	ug/L		93
46) Tetrachloroethene	8.23	164	8442	4.91	ug/L		96
48) 2-Hexanone	8.37	43	20402	9.53	ug/L		97
49) Dibromochloromethane	8.48	129	11146	4.88	ug/L		89
50) 1,2-Dibromoethane	8.59	107	10964	5.28	ug/L		95
51) Chlorobenzene	9.12	112	26427	4.89	ug/L		98
52) Ethylbenzene	9.26	91	41322	4.62	ug/L		100
53) m,p-Xylene	9.38	106	14904	4.24	ug/L		99
54) o-xylene	9.78	106	15193	4.53	ug/L		96
55) Styrene	9.80	104	23314	4.14	ug/L		98
56) Isopropylbenzene	10.17	105	37688	4.24	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.46	83	16936	5.37	ug/L		100
59) 1,2,3-Trichloropropane	10.50	75	13298	5.34	ug/L		100
61) Bromoform	9.96	173	8125	5.82	ug/L	#	97
62) 1,3-Dichlorobenzene	11.42	146	18499	5.18	ug/L		88
63) 1,4-Dichlorobenzene	11.51	146	20432	5.59	ug/L		98
65) 1,2-Dichlorobenzene	11.88	146	19848	5.47	ug/L		95
66) 1,2-Dibromo-3-chloropropan	12.66	75	3618	6.41	ug/L		92
67) 1,3,5-Trichlorobenzene	12.89	180	13109	4.96	ug/L		96
68) 1,2,4-trichlorobenzene	13.51	180	10633	4.70	ug/L		97
69) Naphthalene	13.75	128	30877	4.51	ug/L		99
70) 1,2,3-Trichlorobenzene	13.99	180	10894	4.60	ug/L		97

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

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