Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082918\
Data File : VU026425.D
Acq On : 29 Aug 2018 15:42
Operator : MD/SY
Sample : VSTD10050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD10050

Quant Time: Aug 30 01:57:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 30 01:55:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	156746	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	155804	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	84968	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	97967	100.88	ug/L	0.00
7) Chloroethane-d5	1.67	69	89196	101.69	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	220997	101.05	ug/L	0.00
21) 2-Butanone-d5	4.18	46	159420	211.50	ug/L	0.00
24) Chloroform-d	4.65	84	187938	102.46	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	123892	101.45	ug/L	0.00
32) Benzene-d6	5.34	84	371636	103.49	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	125105	101.41	ug/L	0.00
41) Toluene-d8	7.57	98	369633	106.63	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	61654	109.44	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	130920	231.40	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	189669	104.36	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	157585	102.22	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	123608	101.14	ug/L	98
3) Chloromethane	1.33	50	152728	101.20	ug/L	100
5) Vinyl chloride	1.40	62	165620	101.23	ug/L	99
6) Bromomethane	1.61	94	98653	101.71	ug/L	100
8) Chloroethane	1.69	64	100455	102.27	ug/L	98
9) Trichlorofluoromethane	1.88	101	208974	100.45	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	117252	101.01	ug/L	99
12) 1,1-Dichloroethene	2.28	96	113399	101.35	ug/L	94
13) Acetone	2.32	43	121045	185.46	ug/L	100
14) Carbon disulfide	2.47	76	322096	101.73	ug/L	99
15) Methyl Acetate	2.62	43	129748	101.24	ug/L	99
16) Methylene chloride	2.70	84	115726	100.60	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	104392	103.15	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	324724	105.70	ug/L	100
19) 1,1-Dichloroethane	3.45	63	202907	102.04	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	120359	106.17	ug/L	100
22) 2-Butanone	4.26	43	189517	216.02	ug/L	100
23) Bromochloromethane	4.55	128	61333	105.01	ug/L	92
25) Chloroform	4.68	83	206251	101.56	ug/L	98
27) 1,2-Dichloroethane	5.41	62	168211	102.70	ug/L	99
29) Cyclohexane	5.00	56	185657	109.37	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	173036	100.92	ug/L	100
31) Carbon tetrachloride	5.14	117	158913	102.01	ug/L	100
33) Benzene	5.39	78	459149	102.79	ug/L	100
34) Trichloroethene	6.19	95	115213	102.83	ug/L	99
35) Methylcyclohexane	6.42	83	192196	109.86	ug/L	99
37) 1,2-Dichloropropane	6.44	63	127983	103.50	ug/L	100
38) Bromodichloromethane	6.76	83	158057	100.23	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	194602	110.45	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	362941	217.64	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	498059	106.86	ug/L	97
44) trans-1,3-Dichloropropene	7.88	75	183288	109.14	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	115213	101.71	ug/L	98
46) Tetrachloroethene	8.23	164	95723	104.50	ug/L	96
48) 2-Hexanone	8.36	43	290855	221.45	ug/L	99
49) Dibromochloromethane	8.48	129	133102	104.28	ug/L	98
50) 1,2-Dibromoethane	8.59	107	126036	104.48	ug/L	97
51) Chlorobenzene	9.12	112	322455	103.46	ug/L	98
52) Ethylbenzene	9.25	91	558482	110.17	ug/L	100
53) m,p-Xylene	9.38	106	213457	112.78	ug/L	98
54) o-xylene	9.78	106	208432	112.92	ug/L	98
55) Styrene	9.80	104	369533	114.60	ug/L	98
56) Isopropylbenzene	10.17	105	550119	113.86	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	209193	104.84	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	161290	104.53	ug/L	99
61) Bromoform	9.96	173	105863	100.95	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	256251	103.06	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	265840	101.09	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	269241	102.67	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	44716	101.40	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	210773	105.04	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	191230	109.12	ug/L	100
69) Naphthalene	13.74	128	624377	114.10	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	202183	105.06	ug/L	100

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

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