Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091619\
Data File : VU034556.D
Acq On : 16 Sep 2019 10:50
Operator : JC/SP
Sample : VSTD00536
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00536

Manual Integrations APPROVED
MMDadoda
9/17/2019 11:54:24 AM

Quant Time: Sep 16 13:04:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 16 12:41:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	409525	50.00	ug/L		0.00
28) Chlorobenzene-d5	9.07	117	379352	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	171404	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.39	65	9089	2.53	ug/L		0.00
7) Chloroethane-d5	1.67	69	6914	2.43	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.26	63	19459	3.00	ug/L		0.00
21) 2-Butanone-d5	4.17	46	14160	5.86	ug/L		0.02
24) Chloroform-d	4.62	84	20239	3.46	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.29	65	12598	3.33	ug/L		0.00
32) Benzene-d6	5.32	84	38679	3.59	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.31	67	14667	4.19	ug/L		0.00
41) Toluene-d8	7.54	98	37251	3.83	ug/L		0.00
43) trans-1,3-Dichloropropene-	7.84	79	6718	4.16	ug/L		0.00
47) 2-Hexanone-d5	8.30	63	13108	9.01	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	22156	4.45	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	13879	3.97	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	10596	2.795	ug/L		99
3) Chloromethane	1.32	50	11405	3.131	ug/L		96
5) Vinyl chloride	1.40	62	10723	2.506	ug/L		99
6) Bromomethane	1.62	94	6362	3.837	ug/L		96
8) Chloroethane	1.69	64	6116	2.383	ug/L		92
9) Trichlorofluoromethane	1.88	101	15965	3.181	ug/L		99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	9043	3.152	ug/L		96
12) 1,1-Dichloroethene	2.27	96	8817	3.192	ug/L		88
13) Acetone	2.31	43	18122	8.210	ug/L		98
14) Carbon disulfide	2.46	76	20078	2.260	ug/L	#	95
15) Methyl Acetate	2.60	43	12461	3.242	ug/L		98
16) Methylene chloride	2.68	84	11432	3.435	ug/L		95
17) trans-1,2-Dichloroethene	2.96	96	8934	3.012	ug/L		95
18) Methyl tert-butyl Ether	2.98	73	37045	4.125	ug/L		95
19) 1,1-Dichloroethane	3.42	63	19720	3.336	ug/L		97
20) cis-1,2-Dichloroethene	4.20	96	11458	3.509	ug/L		100
22) 2-Butanone	4.25	43	15501	5.590	ug/L		84
23) Bromochloromethane	4.53	128	5491m	3.270	ug/L		
25) Chloroform	4.65	83	21575	3.685	ug/L		91
27) 1,2-Dichloroethane	5.39	62	14307	3.114	ug/L		99
29) Cyclohexane	4.97	56	16625	3.798	ug/L		98
30) 1,1,1-Trichloroethane	4.89	97	16600	3.800	ug/L		97
31) Carbon tetrachloride	5.11	117	13669	3.525	ug/L		99
33) Benzene	5.37	78	41073	3.581	ug/L		100
34) Trichloroethene	6.17	95	10097	3.392	ug/L		95
35) Methylcyclohexane	6.39	83	16700	3.722	ug/L		99
37) 1,2-Dichloropropane	6.41	63	12769	4.069	ug/L		100
38) Bromodichloromethane	6.74	83	16878	4.162	ug/L		99
39) cis-1,3-Dichloropropene	7.25	75	17038	3.653	ug/L		96
40) 4-Methyl-2-pentanone	7.44	43	40033	8.907	ug/L		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	7.62	91	43815	3.691	ug/L		99
44) trans-1,3-Dichloropropene	7.86	75	16109	3.832	ug/L		97
45) 1,1,2-Trichloroethane	8.05	97	10969	3.810	ug/L		95
46) Tetrachloroethene	8.21	164	6919	2.991	ug/L		86
48) 2-Hexanone	8.35	43	28169	8.071	ug/L		96
49) Dibromochloromethane	8.46	129	12333	3.861	ug/L		99
50) 1,2-Dibromoethane	8.57	107	12208	3.976	ug/L		98
51) Chlorobenzene	9.10	112	29471	3.754	ug/L		96
52) Ethylbenzene	9.23	91	50786	3.961	ug/L		98
53) m,p-Xylene	9.36	106	18030	3.816	ug/L		99
54) o-xylene	9.76	106	18439	3.959	ug/L		86
55) Styrene	9.77	104	29875	3.767	ug/L		99
56) Isopropylbenzene	10.14	105	50462	4.170	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.44	83	22747	4.558	ug/L		99
59) 1,2,3-Trichloropropane	10.47	75	16292	4.062	ug/L		99
61) Bromoform	9.94	173	8651	4.001	ug/L	#	98
62) 1,3-Dichlorobenzene	11.40	146	21224	3.942	ug/L		97
63) 1,4-Dichlorobenzene	11.49	146	21642	3.879	ug/L		96
65) 1,2-Dichlorobenzene	11.86	146	20708	3.855	ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.65	75	4248	4.312	ug/L		95
67) 1,3,5-Trichlorobenzene	12.87	180	12142	2.934	ug/L		95
68) 1,2,4-trichlorobenzene	13.49	180	8704m	2.565	ug/L		
69) Naphthalene	13.73	128	27910	2.755	ug/L	#	95
70) 1,2,3-Trichlorobenzene	13.97	180	10232m	2.853	ug/L		

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

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