Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100319\
Data File : VU034911.D
Acq On : 03 Oct 2019 11:36
Operator : JC/SP
Sample : VSTD00533
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00533

Manual Integrations APPROVED
MMDadoda
10/4/2019 8:52:18 AM

Quant Time: Oct 04 05:23:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 04 05:07:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	427132	50.00	ug/L		0.00
28) Chlorobenzene-d5	9.07	117	403659	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	173990	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.39	65	17515	5.33	ug/L		0.00
7) Chloroethane-d5	1.67	69	13036	4.76	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.26	63	30122	5.15	ug/L		0.00
21) 2-Butanone-d5	4.17	46	21853	10.06	ug/L		0.02
24) Chloroform-d	4.62	84	25484	4.62	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.29	65	19558	5.48	ug/L		0.00
32) Benzene-d6	5.32	84	57272	5.54	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.31	67	19354	5.81	ug/L		0.00
41) Toluene-d8	7.55	98	52635	5.42	ug/L		0.00
43) trans-1,3-Dichloropropene-	7.84	79	7132	4.43	ug/L		0.00
47) 2-Hexanone-d5	8.30	63	14614	9.59	ug/L		0.01
57) 1,1,2,2-Tetrachloroethane-	10.41	84	26091	5.25	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	18812	5.84	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	17276	4.141	ug/L		99
3) Chloromethane	1.32	50	18506	4.392	ug/L		98
5) Vinyl chloride	1.40	62	17186	3.654	ug/L		97
6) Bromomethane	1.62	94	10033	3.424	ug/L		98
8) Chloroethane	1.69	64	10489	3.731	ug/L		98
9) Trichlorofluoromethane	1.87	101	20945	3.461	ug/L		100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	11358	3.973	ug/L		98
12) 1,1-Dichloroethene	2.27	96	10283	3.671	ug/L		80
13) Acetone	2.31	43	21364	8.211	ug/L		98
14) Carbon disulfide	2.46	76	36600	4.198	ug/L		99
15) Methyl Acetate	2.60	43	14949	4.301	ug/L		98
16) Methylene chloride	2.68	84	14241	4.353	ug/L		98
17) trans-1,2-Dichloroethene	2.97	96	12188	4.126	ug/L		96
18) Methyl tert-butyl Ether	2.98	73	41064	4.439	ug/L		98
19) 1,1-Dichloroethane	3.42	63	24968	4.358	ug/L		96
20) cis-1,2-Dichloroethene	4.21	96	13141	3.946	ug/L		92
22) 2-Butanone	4.25	43	21890	7.501	ug/L		91
23) Bromochloromethane	4.53	128	6665	3.922	ug/L		92
25) Chloroform	4.65	83	26838	4.433	ug/L		95
27) 1,2-Dichloroethane	5.39	62	20377	4.329	ug/L		100
29) Cyclohexane	4.97	56	21896	4.785	ug/L		99
30) 1,1,1-Trichloroethane	4.89	97	18985	3.985	ug/L		97
31) Carbon tetrachloride	5.11	117	16856	4.056	ug/L		96
33) Benzene	5.37	78	53000	4.393	ug/L		100
34) Trichloroethene	6.17	95	13384	4.265	ug/L		98
35) Methylcyclohexane	6.39	83	22438	4.647	ug/L		98
37) 1,2-Dichloropropane	6.41	63	15230	4.642	ug/L	#	95
38) Bromodichloromethane	6.74	83	17828	4.277	ug/L		100
39) cis-1,3-Dichloropropene	7.25	75	20266	3.998	ug/L		99
40) 4-Methyl-2-pentanone	7.44	43	42669	9.394	ug/L		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	7.62	91	55123	4.260	ug/L		97
44) trans-1,3-Dichloropropene	7.87	75	16550	3.673	ug/L		96
45) 1,1,2-Trichloroethane	8.05	97	12450	4.067	ug/L		100
46) Tetrachloroethene	8.21	164	11066	4.555	ug/L		94
48) 2-Hexanone	8.35	43	26950	7.319	ug/L	#	86
49) Dibromochloromethane	8.46	129	12697	3.732	ug/L		93
50) 1,2-Dibromoethane	8.57	107	13121	3.938	ug/L		96
51) Chlorobenzene	9.10	112	36148	4.300	ug/L		98
52) Ethylbenzene	9.23	91	60608	4.363	ug/L		100
53) m,p-Xylene	9.36	106	22505	4.295	ug/L		95
54) o-xylene	9.76	106	21569	4.151	ug/L		96
55) Styrene	9.77	104	35131	4.003	ug/L		98
56) Isopropylbenzene	10.14	105	57843	4.313	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.44	83	22358	4.137	ug/L		99
59) 1,2,3-Trichloropropane	10.48	75	18734	4.396	ug/L		99
61) Bromoform	9.94	173	8968	4.134	ug/L	#	95
62) 1,3-Dichlorobenzene	11.40	146	25057	4.584	ug/L		98
63) 1,4-Dichlorobenzene	11.49	146	24879	4.397	ug/L		100
65) 1,2-Dichlorobenzene	11.86	146	24892	4.462	ug/L		95
66) 1,2-Dibromo-3-chloropropan	12.64	75	3640	3.433	ug/L	#	85
67) 1,3,5-Trichlorobenzene	12.87	180	15367m	3.938	ug/L		
68) 1,2,4-trichlorobenzene	13.49	180	8737m	2.621	ug/L		
69) Naphthalene	13.74	128	23148m	2.199	ug/L		
70) 1,2,3-Trichlorobenzene	13.98	180	11319m	3.137	ug/L		

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

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