Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081921\
Data File : VL037507.D
Acq On : 19 Aug 2021 20:33
Operator : SY/AP
Sample : M3480-05
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SR-SG-5

Manual Integrations APPROVED
MMDadoda
8/20/2021 6:31:20 PM

Quant Time: Aug 20 15:06:00 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Aug 1
QLast Update : Tue Aug 17 02:13:47 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	1419813	10.00	ppbv		0.02
33) 1,4-Difluorobenzene	7.18	114	4075670	10.00	ppbv		0.02
55) Chlorobenzene-d5	12.09	117	3486874	10.00	ppbv		0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	2397675	9.68	ppbv		0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	46857	0.206	ppbv		93
3) Chlorodifluoromethane	2.98	51	2374813m	8.735	ppbv		
9) Propene	3.01	41	201479	2.071	ppbv		96
10) Heptane	8.12	43	24644m	0.110	ppbv		
11) Trichlorofluoromethane	3.96	101	58922	0.276	ppbv		97
13) Ethanol	3.61	45	3443099	363.738	ppbv		95
15) Acetone	3.85	43	11090171	76.750	ppbv		99
17) tert-Butyl alcohol	4.30	59	393378	2.980	ppbv		97
19) Isopropyl Alcohol	3.97	45	925463	11.179	ppbv	#	1
20) Methylene Chloride	4.35	84	3014822	41.672	ppbv		99
26) Hexane	5.69	57	2308736	12.873	ppbv	#	46
27) Carbon Disulfide	4.56	76	93643	0.586	ppbv	#	93
29) Chloroform	5.76	83	215404	0.847	ppbv		99
30) Cyclohexane	7.14	84	27478m	0.184	ppbv		
31) cis-1,2-Dichloroethene	5.55	61	234123m	1.442	ppbv		
32) 1,1,1-Trichloroethane	6.51	97	20177m	0.081	ppbv		
34) 2-Butanone	5.25	43	1023815	6.152	ppbv		96
35) Carbon Tetrachloride	7.03	117	19455m	0.081	ppbv		
36) Benzene	6.90	78	50242m	0.147	ppbv		
38) Trichloroethene	7.84	130	1392791	9.908	ppbv		96
40) 1,4-Dioxane	7.84	88	52420m	1.625	ppbv		
41) Tetrahydrofuran	6.06	42	84689m	1.056	ppbv		
44) 2,2,4-Trimethylpentane	7.87	57	58347m	0.101	ppbv		
50) 4-Methyl-2-Pentanone	8.76	43	102064m	0.470	ppbv		
51) 2-Hexanone	10.15	43	67800m	0.679	ppbv		
52) Tetrachloroethene	11.23	164	184837m	1.317	ppbv		
53) Toluene	9.81	91	166838	0.426	ppbv		95
59) m/p-Xylene	12.98	91	56161m	0.134	ppbv		
79) Naphthalene	22.19	128	713931m	2.316	ppbv		
80) Naphthalene,2-methyl-	24.97	142	9901	0.115	ppbv	#	74

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

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