Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL060821\
Data File : VL037134.D
Acq On : 8 Jun 2021 16:20
Operator : SY/AP
Sample : M2614-03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SR-4C

Manual Integrations APPROVED
MMDadoda
6/9/2021 4:23:37 PM

Quant Time: Jun 09 12:36:07 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue May 1
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1351718	10.00	ppbv		0.01
33) 1,4-Difluorobenzene	7.17	114	4020840	10.00	ppbv		0.01
55) Chlorobenzene-d5	12.08	117	3668298	10.00	ppbv		0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	2725325	9.89	ppbv		0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	60486	0.264	ppbv		89
3) Chlorodifluoromethane	2.98	51	954782	3.856	ppbv		94
4) Chloromethane	3.14	50	57181	0.679	ppbv		100
9) Propene	3.01	41	194953	2.199	ppbv		84
10) Heptane	8.12	43	29001m	0.131	ppbv		
11) Trichlorofluoromethane	3.94	101	50527	0.238	ppbv		93
13) Ethanol	3.62	45	13767485	1163.643	ppbv		98
15) Acetone	3.84	43	1525567m	11.019	ppbv		
17) tert-Butyl alcohol	4.31	59	45696	0.360	ppbv	#	72
19) Isopropyl Alcohol	3.98	45	3700262	49.718	ppbv	#	34
20) Methylene Chloride	4.34	84	424447	5.719	ppbv		99
25) Ethyl Acetate	5.67	43	2224116	6.685	ppbv	#	94
26) Hexane	5.68	57	419062m	2.466	ppbv		
29) Chloroform	5.75	83	62960	0.262	ppbv		97
30) Cyclohexane	7.13	84	18484m	0.128	ppbv		
34) 2-Butanone	5.24	43	164897	1.126	ppbv		92
35) Carbon Tetrachloride	7.01	117	17297m	0.065	ppbv		
36) Benzene	6.89	78	1379444	3.983	ppbv		99
44) 2,2,4-Trimethylpentane	7.86	57	63435	0.107	ppbv	#	67
50) 4-Methyl-2-Pentanone	8.75	43	50456	0.209	ppbv		99
53) Toluene	9.80	91	589589	1.431	ppbv		99
58) Ethyl Benzene	12.70	91	52663m	0.102	ppbv		
59) m/p-Xylene	12.96	91	105466m	0.246	ppbv		
60) o-Xylene	13.69	91	40849	0.100	ppbv		92
61) Styrene	13.52	104	44215m	0.192	ppbv		
74) 1,2,4-Trimethylbenzene	16.76	105	47464	0.101	ppbv	#	68
79) Naphthalene	22.20	128	59739m	0.162	ppbv		

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

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