Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062221\
Data File : VL037224.D
Acq On : 22 Jun 2021 19:51
Operator : SY/AP
Sample : M2807-03DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IAQ-01DUP

Manual Integrations APPROVED
MMDadoda
6/24/2021 4:33:00 PM

Quant Time: Jun 24 09:19:11 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL061621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 1
QLast Update : Wed Jun 16 14:06:32 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	1093882	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.19	114	3424750	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.10	117	3203674	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.43	95	2574164	10.60	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 106.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	39424	0.207	ppbv		96
3) Chlorodifluoromethane	3.00	51	51748m	0.243	ppbv		
4) Chloromethane	3.15	50	47965	0.677	ppbv		97
9) Propene	3.03	41	1455519m	21.402	ppbv		
10) Heptane	8.13	43	402757	2.445	ppbv		100
11) Trichlorofluoromethane	3.96	101	56264m	0.277	ppbv		
13) Ethanol	3.61	45	2392168	227.379	ppbv		49
15) Acetone	3.85	43	6497110m	52.670	ppbv		
17) tert-Butyl alcohol	4.31	59	270241	2.370	ppbv		100
19) Isopropyl Alcohol	3.98	45	307461	4.115	ppbv	#	1
20) Methylene Chloride	4.35	84	343160	4.647	ppbv		97
26) Hexane	5.70	57	1332537	9.873	ppbv	#	63
30) Cyclohexane	7.14	84	219244	1.950	ppbv	#	85
34) 2-Butanone	5.26	43	272224	2.044	ppbv		96
35) Carbon Tetrachloride	7.03	117	16176m	0.070	ppbv		
36) Benzene	6.91	78	85865	0.310	ppbv	#	88
44) 2,2,4-Trimethylpentane	7.88	57	174963	0.375	ppbv	#	33
52) Tetrachloroethene	11.23	164	4375m	0.034	ppbv		
53) Toluene	9.82	91	965262	2.918	ppbv		100
58) Ethyl Benzene	12.72	91	591861	1.342	ppbv		95
59) m/p-Xylene	12.98	91	1977727	5.292	ppbv		98
60) o-Xylene	13.71	91	663926	1.866	ppbv		98
61) Styrene	13.54	104	218997	1.192	ppbv		94
62) Isopropylbenzene	14.68	105	81704m	0.161	ppbv		
64) n-propylbenzene	15.57	120	34878m	0.275	ppbv		
65) tert-Butylbenzene	16.77	119	73651m	0.164	ppbv		
70) n-Butylbenzene	18.56	91	70369m	0.150	ppbv		
72) 4-Ethyltoluene	15.85	105	173918	0.430	ppbv		97
73) 1,3,5-Trimethylbenzene	16.00	105	194685	0.498	ppbv		89
74) 1,2,4-Trimethylbenzene	16.77	105	557738	1.385	ppbv	#	72
79) Naphthalene	22.22	128	58946m	0.176	ppbv		

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

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