Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040621\
Data File : VL036713.D
Acq On : 7 Apr 2021 1:05
Operator : SY/AP
Sample : M1877-10 2X
Misc : 400mL/MSVOA_L
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
UP-SG-7(2021)

Manual Integrations APPROVED
MMDadoda
4/12/2021 11:11:33 AM

Quant Time: Apr 11 12:05:28 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 2
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	1268320	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	3160629	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	2852556	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	2263335	9.96	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	20936	0.101	ppbv		99
3) Chlorodifluoromethane	2.98	51	29734m	0.125	ppbv		
4) Chloromethane	3.14	50	14151m	0.169	ppbv		
9) Propene	3.01	41	187333	2.480	ppbv		93
10) Heptane	8.12	43	77552	0.403	ppbv	#	28
11) Trichlorofluoromethane	3.95	101	28294	0.134	ppbv	#	70
13) Ethanol	3.62	45	13259968	1473.967	ppbv		95
15) Acetone	3.84	43	8464337m	67.806	ppbv		
17) tert-Butyl alcohol	4.32	59	204138	1.879	ppbv	#	72
19) Isopropyl Alcohol	3.99	45	4737887	68.995	ppbv	#	95
20) Methylene Chloride	4.34	84	280984	4.808	ppbv		93
26) Hexane	5.68	57	609058	4.422	ppbv	#	47
34) 2-Butanone	5.24	43	70016	0.454	ppbv	#	43
36) Benzene	6.89	78	166023	0.570	ppbv	#	93
44) 2,2,4-Trimethylpentane	7.87	57	2408042	4.694	ppbv		98
53) Toluene	9.80	91	171811	0.553	ppbv		98
58) Ethyl Benzene	12.72	91	54704	0.132	ppbv		98
59) m/p-Xylene	12.97	91	96715m	0.267	ppbv		
60) o-Xylene	13.70	91	52564m	0.150	ppbv		
61) Styrene	13.53	104	66865m	0.380	ppbv		
64) n-propylbenzene	15.56	120	14115	0.122	ppbv		79
69) p-Isopropyltoluene	17.66	119	57757	0.128	ppbv	#	81
70) n-Butylbenzene	18.56	91	48313m	0.103	ppbv		
72) 4-Ethyltoluene	15.84	105	82826m	0.216	ppbv		
73) 1,3,5-Trimethylbenzene	16.00	105	88742m	0.248	ppbv		
74) 1,2,4-Trimethylbenzene	16.77	105	232667	0.607	ppbv	#	67

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

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