Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL080421\
Data File : VL037336.D
Acq On : 5 Aug 2021 9:57
Operator : SY/AP
Sample : M3239-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA1

Manual Integrations APPROVED
MMDadoda
8/5/2021 1:41:30 PM

Quant Time: Aug 05 10:32:31 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 0
QLast Update : Wed Aug 04 22:53:01 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1021565	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.16	114	3378453	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.07	117	2848603	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	1982158	10.19	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	46513	0.224	ppbv		100
3) Chlorodifluoromethane	2.99	51	197286	0.950	ppbv		94
4) Chloromethane	3.13	50	35398	0.476	ppbv		89
9) Propene	3.02	41	45931	0.612	ppbv	#	80
10) Heptane	8.11	43	31676m	0.181	ppbv		
11) Trichlorofluoromethane	3.94	101	46411m	0.243	ppbv		
13) Ethanol	3.61	45	194230m	17.170	ppbv		
15) Acetone	3.84	43	890019	8.021	ppbv		97
17) tert-Butyl alcohol	4.30	59	15677m	0.141	ppbv		
19) Isopropyl Alcohol	3.97	45	150834	2.456	ppbv	#	1
20) Methylene Chloride	4.34	84	969219	10.550	ppbv		98
26) Hexane	5.68	57	883186	5.470	ppbv	#	48
29) Chloroform	5.74	83	98083	0.480	ppbv		98
30) Cyclohexane	7.11	84	14189m	0.114	ppbv		
34) 2-Butanone	5.24	43	91645m	0.782	ppbv		
35) Carbon Tetrachloride	7.02	117	9660m	0.048	ppbv		
36) Benzene	6.88	78	125947	0.414	ppbv		96
44) 2,2,4-Trimethylpentane	7.86	57	93499	0.186	ppbv	#	81
50) 4-Methyl-2-Pentanone	8.75	43	18547m	0.103	ppbv		
51) 2-Hexanone	10.16	43	32378m	0.397	ppbv		
52) Tetrachloroethene	11.20	164	7177m	0.055	ppbv		
53) Toluene	9.79	91	551457	1.536	ppbv		100
58) Ethyl Benzene	12.70	91	53778m	0.129	ppbv		
59) m/p-Xylene	12.95	91	113365m	0.322	ppbv		
60) o-Xylene	13.68	91	37841m	0.118	ppbv		
61) Styrene	13.51	104	248032	1.413	ppbv		94
69) p-Isopropyltoluene	17.64	119	58080m	0.119	ppbv		
74) 1,2,4-Trimethylbenzene	16.75	105	60985	0.164	ppbv	#	78

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

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