Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081221\
Data File : VL037419.D
Acq On : 12 Aug 2021 18:46
Operator : SY/AP
Sample : M3239-01RE
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 13 07:29:40 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081221AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Fri Aug 13 01:37:35 2021
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : SV1RE

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	1298845	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	3923310	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	3393659	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	2530617	10.40	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	72155m	0.364	ppbv		
3) Chlorodifluoromethane	2.99	51	114132m	0.447	ppbv		
4) Chloromethane	3.15	50	28287	0.309	ppbv		92
9) Propene	3.02	41	97818	1.142	ppbv		88
10) Heptane	8.12	43	488649	2.346	ppbv		95
11) Trichlorofluoromethane	3.95	101	57266	0.267	ppbv		96
13) Ethanol	3.61	45	258261m	28.255	ppbv		
15) Acetone	3.85	43	3129590	22.720	ppbv		100
17) tert-Butyl alcohol	4.31	59	73697	0.561	ppbv	#	88
19) Isopropyl Alcohol	3.98	45	83083m	1.036	ppbv		
20) Methylene Chloride	4.35	84	4157219	57.077	ppbv		97
26) Hexane	5.69	57	3583080	21.150	ppbv	#	46
27) Carbon Disulfide	4.55	76	36715	0.257	ppbv	#	77
29) Chloroform	5.75	83	330550	1.386	ppbv		99
30) Cyclohexane	7.14	84	27374m	0.196	ppbv		
32) 1,1,1-Trichloroethane	6.52	97	95899	0.398	ppbv		97
34) 2-Butanone	5.25	43	684821	4.228	ppbv	#	87
35) Carbon Tetrachloride	7.03	117	12044	0.050	ppbv	#	71
36) Benzene	6.90	78	89978	0.272	ppbv	#	90
44) 2,2,4-Trimethylpentane	7.87	57	132662	0.240	ppbv	#	1
50) 4-Methyl-2-Pentanone	8.75	43	47601m	0.234	ppbv		
51) 2-Hexanone	10.14	43	800491m	8.350	ppbv		
52) Tetrachloroethene	11.23	164	71542m	0.513	ppbv		
53) Toluene	9.81	91	2481599	6.570	ppbv		99
58) Ethyl Benzene	12.71	91	277965	0.604	ppbv		94
59) m/p-Xylene	12.97	91	684893	1.694	ppbv		90
60) o-Xylene	13.70	91	396842	1.056	ppbv		100
61) Styrene	13.53	104	222325m	1.171	ppbv		
62) Isopropylbenzene	14.66	105	107084	0.199	ppbv		97
63) 1,1,2,2-Tetrachloroethane	13.67	83	134634m	0.475	ppbv		
64) n-propylbenzene	15.56	120	102121m	0.755	ppbv		
65) tert-Butylbenzene	16.76	119	275458m	0.569	ppbv		
67) sec-Butylbenzene	17.30	105	250337	0.380	ppbv		100
69) p-Isopropyltoluene	17.65	119	218983	0.405	ppbv	#	91
70) n-Butylbenzene	18.56	91	477702m	0.950	ppbv		
72) 4-Ethyltoluene	15.84	105	484163	1.110	ppbv	#	97
73) 1,3,5-Trimethylbenzene	16.00	105	581300m	1.410	ppbv		
74) 1,2,4-Trimethylbenzene	16.76	105	2155061	5.106	ppbv	#	74
79) Naphthalene	22.19	128	146935m	0.640	ppbv		
80) Naphthalene,2-methyl-	24.96	142	28254	0.583	ppbv		95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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