Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL080421\
Data File : VL037324.D
Acq On : 5 Aug 2021 1:53
Operator : SY/AP
Sample : M3211-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 05 08:09:28 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

Instrument : MSVOA_L
ClientSampleId : SVP-2

Manual Integrations APPROVED
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8/5/2021 1:40:33 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1210736	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	3795496	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.08	117	3176651	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	2447976	11.28	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 112.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	73995	0.301	ppbv		99
3) Chlorodifluoromethane	2.98	51	58341	0.237	ppbv		92
4) Chloromethane	3.14	50	48160	0.546	ppbv		92
7) Chloroethane	3.55	64	3738	0.114	ppbv	#	57
9) Propene	3.01	41	220440	2.477	ppbv		96
10) Heptane	8.11	43	147594	0.710	ppbv		98
11) Trichlorofluoromethane	3.94	101	88142	0.390	ppbv		96
13) Ethanol	3.60	45	517721	38.616	ppbv		92
15) Acetone	3.84	43	7810450	59.388	ppbv		97
17) tert-Butyl alcohol	4.30	59	80455	0.609	ppbv	#	92
19) Isopropyl Alcohol	3.97	45	296513	4.074	ppbv	#	93
20) Methylene Chloride	4.34	84	2946453	27.060	ppbv		99
26) Hexane	5.68	57	1982847	10.361	ppbv	#	48
27) Carbon Disulfide	4.55	76	978013	6.280	ppbv		98
29) Chloroform	5.75	83	93663	0.386	ppbv		95
30) Cyclohexane	7.12	84	286454	1.941	ppbv		91
32) 1,1,1-Trichloroethane	6.50	97	128691	0.557	ppbv		96
34) 2-Butanone	5.23	43	4998262	37.950	ppbv		99
35) Carbon Tetrachloride	7.01	117	41255	0.182	ppbv		96
36) Benzene	6.88	78	398879	1.168	ppbv		99
38) Trichloroethene	7.82	130	36040m	0.241	ppbv		
41) Tetrahydrofuran	6.03	42	6957592	94.990	ppbv		99
44) 2,2,4-Trimethylpentane	7.86	57	229147m	0.406	ppbv		
50) 4-Methyl-2-Pentanone	8.74	43	79733	0.395	ppbv		90
51) 2-Hexanone	10.13	43	368846m	4.023	ppbv		
52) Tetrachloroethene	11.21	164	1531239	10.408	ppbv		98
53) Toluene	9.80	91	1120481	2.779	ppbv		100
57) Chlorobenzene	12.13	112	181478m	0.677	ppbv		
58) Ethyl Benzene	12.70	91	264546	0.567	ppbv		92
59) m/p-Xylene	12.95	91	694550	1.767	ppbv		88
60) o-Xylene	13.68	91	325359	0.911	ppbv		97
61) Styrene	13.52	104	24311m	0.124	ppbv		
62) Isopropylbenzene	14.65	105	57410	0.111	ppbv		92
63) 1,1,2,2-Tetrachloroethane	13.66	83	233422	0.900	ppbv	#	56
65) tert-Butylbenzene	16.76	119	90310m	0.189	ppbv		
67) sec-Butylbenzene	17.30	105	170908	0.265	ppbv		98
69) p-Isopropyltoluene	17.66	119	84417m	0.156	ppbv		
72) 4-Ethyltoluene	15.84	105	136783	0.317	ppbv	#	85
73) 1,3,5-Trimethylbenzene	16.00	105	295122	0.761	ppbv		92
74) 1,2,4-Trimethylbenzene	16.76	105	517151	1.250	ppbv	#	74
75) 1,3-Dichlorobenzene	17.00	146	108508m	0.427	ppbv		

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
79) Naphthalene	22.19	128	91836	0.242	ppbv		99
80) Naphthalene,2-methyl-	24.96	142	40832	0.662	ppbv	#	87

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

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