Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL080421\
Data File : VL037325.D
Acq On : 5 Aug 2021 2:36
Operator : SY/AP
Sample : M3211-03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 05 10:02:56 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-3

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1105797	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	3605754	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.07	117	3056855	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	2144032	10.27	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	36814	0.164	ppbv		96
3) Chlorodifluoromethane	2.98	51	35512	0.158	ppbv		92
4) Chloromethane	3.13	50	15740	0.195	ppbv	#	70
9) Propene	3.02	41	2211590m	27.204	ppbv		
10) Heptane	8.11	43	1209163	6.368	ppbv		99
11) Trichlorofluoromethane	3.94	101	60225	0.292	ppbv		97
13) Ethanol	3.61	45	1052040	85.916	ppbv		92
15) Acetone	3.84	43	10885648m	90.625	ppbv		
17) tert-Butyl alcohol	4.30	59	276296	2.290	ppbv	#	72
19) Isopropyl Alcohol	3.97	45	1222856	18.395	ppbv	#	93
20) Methylene Chloride	4.34	84	831617	8.362	ppbv		98
26) Hexane	5.68	57	3761084	21.519	ppbv	#	47
27) Carbon Disulfide	4.55	76	238565	1.677	ppbv		97
29) Chloroform	5.75	83	101662	0.459	ppbv		90
30) Cyclohexane	7.12	84	61564	0.457	ppbv	#	81
32) 1,1,1-Trichloroethane	6.50	97	10601m	0.050	ppbv		
34) 2-Butanone	5.23	43	4369794	34.924	ppbv		98
35) Carbon Tetrachloride	7.02	117	7924m	0.037	ppbv		
36) Benzene	6.89	78	236183	0.728	ppbv		97
38) Trichloroethene	7.83	130	8263m	0.058	ppbv		
40) 1,4-Dioxane	7.83	88	67373m	1.938	ppbv		
41) Tetrahydrofuran	6.03	42	7115814	102.262	ppbv		99
44) 2,2,4-Trimethylpentane	7.86	57	77749m	0.145	ppbv		
50) 4-Methyl-2-Pentanone	8.73	43	278473	1.453	ppbv		97
51) 2-Hexanone	10.10	43	613018m	7.037	ppbv		
52) Tetrachloroethene	11.21	164	669682	4.792	ppbv		99
53) Toluene	9.80	91	757446	1.977	ppbv		99
57) Chlorobenzene	12.18	112	30946m	0.120	ppbv		
58) Ethyl Benzene	12.70	91	201749	0.449	ppbv		99
59) m/p-Xylene	12.95	91	497245	1.315	ppbv		98
60) o-Xylene	13.68	91	215257	0.626	ppbv		91
61) Styrene	13.51	104	30330m	0.161	ppbv		
63) 1,1,2,2-Tetrachloroethane	13.65	83	10257m	0.041	ppbv		
64) n-propylbenzene	15.54	120	14820m	0.114	ppbv		
70) n-Butylbenzene	18.54	91	51937m	0.109	ppbv		
72) 4-Ethyltoluene	15.82	105	71742m	0.173	ppbv		
73) 1,3,5-Trimethylbenzene	15.98	105	75521m	0.202	ppbv		
74) 1,2,4-Trimethylbenzene	16.74	105	210705m	0.529	ppbv		
75) 1,3-Dichlorobenzene	16.98	146	110097m	0.450	ppbv		
79) Naphthalene	22.19	128	64061m	0.175	ppbv		
80) Naphthalene,2-methyl-	24.96	142	11849	0.200	ppbv	#	70

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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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