Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL041422\
Data File : VL038932.D
Acq On : 15 Apr 2022 00:46
Operator : SY/AP
Sample : N2259-06
Misc : 400mL/MSVOA_L
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 15 10:21:21 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522A
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
1165-19-IA-1

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 04/15/2022
Supervised By :Mahesh Dadoda 04/18/2022

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	1217227	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	3048170	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.08	117	2809365	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	2250905	10.56	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	108479	0.628	ppbv		93
4) Chloromethane	3.14	50	34016	0.442	ppbv	#	83
9) Propene	3.02	41	202850	2.581	ppbv	#	67
10) Heptane	8.12	43	1331350	6.725	ppbv		98
11) Trichlorofluoromethane	3.95	101	325505	2.346	ppbv		98
13) Ethanol	3.60	45	593795	124.319	ppbv	#	100
15) Acetone	3.85	43	15378868	126.903	ppbv	#	84
19) Isopropyl Alcohol	3.97	45	342433	5.529	ppbv	#	100
20) Methylene Chloride	4.35	84	199406	4.537	ppbv		93
25) Ethyl Acetate	5.68	43	308734m	1.004	ppbv		
26) Hexane	5.69	57	197306	1.410	ppbv	#	71
30) Cyclohexane	7.13	84	50592	0.410	ppbv		92
34) 2-Butanone	5.25	43	159805	1.327	ppbv		92
35) Carbon Tetrachloride	7.03	117	10711m	0.059	ppbv		
36) Benzene	6.89	78	190465	0.687	ppbv		94
44) 2,2,4-Trimethylpentane	7.86	57	151662	0.323	ppbv	#	1
50) 4-Methyl-2-Pentanone	8.74	43	281556	1.039	ppbv		96
52) Tetrachloroethene	11.21	164	5442m	0.056	ppbv		
53) Toluene	9.80	91	9273685	28.970	ppbv		97
58) Ethyl Benzene	12.70	91	411864	0.981	ppbv		92
59) m/p-Xylene	12.96	91	1109353	3.145	ppbv		100
60) o-Xylene	13.68	91	438121	1.328	ppbv		94
61) Styrene	13.52	104	27389m	0.136	ppbv		
64) n-propylbenzene	15.55	120	46162	0.359	ppbv		79
70) n-Butylbenzene	18.55	91	131623m	0.258	ppbv		
72) 4-Ethyltoluene	15.83	105	242152	0.614	ppbv		97
73) 1,3,5-Trimethylbenzene	15.99	105	222267m	0.628	ppbv		
74) 1,2,4-Trimethylbenzene	16.75	105	768612	2.054	ppbv	#	70
79) Naphthalene	22.19	128	56383m	0.201	ppbv		

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

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