Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040722\
Data File : VL038846.D
Acq On : 7 Apr 2022 18:14
Operator : SY/AP
Sample : N2273-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 09 14:14:46 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 :
1160-A1-2

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.69	49	1279230	10.00	ppbv		0.03
33) 1,4-Difluorobenzene	7.20	114	3049073	10.00	ppbv		0.03
55) Chlorobenzene-d5	12.11	117	2723512	10.00	ppbv		0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.44	95	2167928	10.49	ppbv		0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.07	85	124452	0.686	ppbv		93
3) Chlorodifluoromethane	3.01	51	74041	0.474	ppbv	#	88
4) Chloromethane	3.16	50	39415	0.488	ppbv		90
9) Propene	3.04	41	822287m	9.955	ppbv		
10) Heptane	8.15	43	97157	0.467	ppbv		98
11) Trichlorofluoromethane	3.98	101	36444m	0.250	ppbv		
13) Ethanol	3.62	45	284415	56.660	ppbv	#	100
15) Acetone	3.87	43	2887527	22.672	ppbv		97
19) Isopropyl Alcohol	3.99	45	125887	1.934	ppbv	#	100
20) Methylene Chloride	4.37	84	128596	2.784	ppbv		91
26) Hexane	5.72	57	342300	2.327	ppbv	#	50
30) Cyclohexane	7.16	84	26958	0.208	ppbv	#	22
34) 2-Butanone	5.28	43	271014	2.249	ppbv		92
35) Carbon Tetrachloride	7.05	117	14287m	0.078	ppbv		
36) Benzene	6.92	78	118778	0.428	ppbv		98
38) Trichloroethene	7.85	130	7222m	0.063	ppbv		
44) 2,2,4-Trimethylpentane	7.90	57	134444m	0.286	ppbv		
52) Tetrachloroethene	11.24	164	45737	0.472	ppbv	#	80
53) Toluene	9.83	91	1328635	4.149	ppbv		99
58) Ethyl Benzene	12.73	91	344410	0.846	ppbv		89
59) m/p-Xylene	12.99	91	1006301	2.943	ppbv		100
60) o-Xylene	13.71	91	352151	1.101	ppbv		95
61) Styrene	13.55	104	291284	1.494	ppbv		97
72) 4-Ethyltoluene	15.86	105	64018m	0.168	ppbv		
73) 1,3,5-Trimethylbenzene	16.02	105	51832m	0.151	ppbv		
74) 1,2,4-Trimethylbenzene	16.78	105	167140m	0.461	ppbv		

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

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