Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
Data File : VL041740.D
Acq On : 12 Dec 2024 08:59
Operator : SY/MD
Sample : P5150-06
Misc : 400mL/MSVOA_L
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 12 09:22:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Dec 12 07:13:56 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
IA4

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	2.774	49	252280	10.000	ppbv		-0.02
33) 1,4-Difluorobenzene	3.939	114	1219819	10.000	ppbv		-0.03
55) Chlorobenzene-d5	8.869	117	1070761	10.000	ppbv		-0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.364	95	716714	10.182	ppbv		-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.800%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.492	85	18213	0.411	ppbv		99
3) Chlorodifluoromethane	1.470	51	6890m	0.201	ppbv		
4) Chloromethane	1.525	50	5401	0.460	ppbv		95
9) Propene	1.479	41	15340m	1.047	ppbv		
10) Heptane	4.959	43	45389	1.121	ppbv		96
11) Trichlorofluoromethane	1.871	101	10869	0.213	ppbv		94
12) 1,1,2-Trichlorotrifluo...	2.130	101	2916	0.064	ppbv		91
13) Ethanol	1.712	45	172954	142.783	ppbv		96
15) Acetone	1.826	43	894029	30.694	ppbv		99
19) Isopropyl Alcohol	1.877	45	54449	1.968	ppbv	#	1
26) Hexane	2.813	57	121623	3.098	ppbv	#	47
29) Chloroform	2.835	83	26115	0.435	ppbv		99
30) Cyclohexane	3.839	84	31875	0.722	ppbv		97
34) 2-Butanone	2.547	43	16231m	0.380	ppbv		
35) Carbon Tetrachloride	3.748	117	3454	0.061	ppbv		88
36) Benzene	3.641	78	52020	0.542	ppbv		98
38) Trichloroethene	4.525	130	5929	0.119	ppbv	#	88
44) 2,2,4-Trimethylpentane	4.622	57	20866	0.156	ppbv	#	63
52) Tetrachloroethene	8.211	164	10600	0.209	ppbv		96
53) Toluene	6.914	91	208509	1.769	ppbv		99
58) Ethyl Benzene	9.341	91	80883	0.564	ppbv		92
59) m/p-Xylene	9.519	91	177369	1.616	ppbv		98
60) o-Xylene	9.950	91	70636	0.649	ppbv		97
62) Isopropylbenzene	10.526	105	14408	0.080	ppbv		93
64) n-propylbenzene	10.982	120	8886	0.168	ppbv		81
70) n-Butylbenzene	12.273	91	11390	0.072	ppbv	#	52
72) 4-Ethyltoluene	11.115	105	31686	0.225	ppbv	#	52
73) 1,3,5-Trimethylbenzene	11.196	105	26075	0.229	ppbv		98
74) 1,2,4-Trimethylbenzene	11.529	105	89611	0.725	ppbv	#	67

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

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