Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081924\
Data File : VL041546.D
Acq On : 19 Aug 2024 13:33
Operator : SY/MD
Sample : P3658-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 20 02:16:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Aug 20 02:10:04 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
IA1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.211	49	927912	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.674	114	2437196	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.487	117	2299496	10.000	ppbv	#	0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.799	95	1749540	9.887	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.900%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.748	85	34464	0.216	ppbv		97
3) Chlorodifluoromethane	2.694	51	100220m	0.907	ppbv		
4) Chloromethane	2.832	50	40734	0.693	ppbv		95
9) Propene	2.726	41	4150868m	81.799	ppbv		
10) Heptane	7.607	43	33191m	0.291	ppbv		
11) Trichlorofluoromethane	3.584	101	38459	0.271	ppbv		87
13) Ethanol	3.256	45	2004067	441.869	ppbv		98
15) Acetone	3.485	43	2018735	19.148	ppbv		98
17) tert-Butyl alcohol	3.909	59	43900m	0.457	ppbv		
19) Isopropyl Alcohol	3.597	45	817204	13.258	ppbv	#	96
20) Methylene Chloride	3.954	84	318888	8.111	ppbv		99
26) Hexane	5.230	57	269751	3.105	ppbv	#	66
27) Carbon Disulfide	4.147	76	56306	0.554	ppbv	#	85
29) Chloroform	5.295	83	150929	1.065	ppbv		95
30) Cyclohexane	6.626	84	11567m	0.163	ppbv		
34) 2-Butanone	4.809	43	119843	1.017	ppbv		99
35) Carbon Tetrachloride	6.513	117	8289m	0.062	ppbv		
36) Benzene	6.388	78	124805	0.701	ppbv		96
37) 1,2-Dichloroethane	5.828	62	44733	0.449	ppbv		98
43) Methyl Methacrylate	7.494	69	9551m	0.150	ppbv		
44) 2,2,4-Trimethylpentane	7.349	57	103366	0.348	ppbv	#	66
50) 4-Methyl-2-Pentanone	8.214	43	20266m	0.109	ppbv		
52) Tetrachloroethene	10.642	164	21774m	0.316	ppbv		
53) Toluene	9.246	91	444072	2.239	ppbv		99
58) Ethyl Benzene	12.118	91	73786	0.278	ppbv		90
59) m/p-Xylene	12.368	91	189536m	0.828	ppbv		
60) o-Xylene	13.082	91	57955	0.268	ppbv		100
61) Styrene	12.925	104	16376m	0.168	ppbv		
74) 1,2,4-Trimethylbenzene	16.134	105	27542	0.108	ppbv	#	78
76) 1,4-Dichlorobenzene	16.503	146	28057	0.181	ppbv		88

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

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