Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081924\
Data File : VL041550.D
Acq On : 19 Aug 2024 16:25
Operator : SY/MD
Sample : P3658-03 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 20 02:18:44 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 :
SVI

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	1029484	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.674	114	2764447	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.491	117	2563772	10.000	ppbv	#	0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.799	95	2012941	10.203	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.000%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.748	85	18794	0.106	ppbv		99
3) Chlorodifluoromethane	2.694	51	13302m	0.109	ppbv		
9) Propene	2.719	41	138081	2.453	ppbv	#	80
10) Heptane	7.600	43	672215	5.314	ppbv		100
13) Ethanol	3.269	45	41454	8.238	ppbv		87
15) Acetone	3.488	43	867764	7.419	ppbv	#	50
17) tert-Butyl alcohol	3.906	59	39442m	0.370	ppbv		
20) Methylene Chloride	3.951	84	622634	14.274	ppbv		97
26) Hexane	5.234	57	2868931	29.761	ppbv	#	37
27) Carbon Disulfide	4.147	76	30166	0.267	ppbv	#	84
29) Chloroform	5.295	83	39876	0.254	ppbv		88
30) Cyclohexane	6.623	84	14841m	0.189	ppbv		
32) 1,1,1-Trichloroethane	6.018	97	5305m	0.035	ppbv		
34) 2-Butanone	4.806	43	1674694	12.523	ppbv		98
36) Benzene	6.391	78	110379	0.546	ppbv		97
38) Trichloroethene	7.317	130	7915m	0.086	ppbv		
51) 2-Hexanone	9.571	43	417715m	2.618	ppbv		
52) Tetrachloroethene	10.635	164	11990m	0.154	ppbv		
53) Toluene	9.240	91	630889	2.804	ppbv		99
58) Ethyl Benzene	12.111	91	230247	0.779	ppbv		97
59) m/p-Xylene	12.365	91	960575	3.766	ppbv		96
60) o-Xylene	13.076	91	332473	1.378	ppbv		99
64) n-propylbenzene	14.934	120	23536m	0.245	ppbv		
65) tert-Butylbenzene	16.130	119	59420m	0.179	ppbv		
72) 4-Ethyltoluene	15.214	105	160153	0.564	ppbv		97
73) 1,3,5-Trimethylbenzene	15.375	105	91500	0.374	ppbv		99
74) 1,2,4-Trimethylbenzene	16.124	105	516352	1.815	ppbv	#	70
79) Naphthalene	21.410	128	59611m	0.237	ppbv		

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

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