Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081924\
Data File : VL041549.D
Acq On : 19 Aug 2024 15:40
Operator : SY/MD
Sample : P3659-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA1

Quant Time: Aug 20 02:18:02 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

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	5.214	49	1030450	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.674	114	2642611	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.487	117	2422893	10.000	ppbv	#	0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.796	95	1922852	10.313	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.100%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.751	85	41368	0.233	ppbv		98
3) Chlorodifluoromethane	2.694	51	45043m	0.367	ppbv		
4) Chloromethane	2.835	50	42795	0.656	ppbv	#	88
9) Propene	2.716	41	270309	4.797	ppbv		91
11) Trichlorofluoromethane	3.584	101	34364	0.218	ppbv		84
13) Ethanol	3.269	45	8672203	1721.832	ppbv		93
15) Acetone	3.485	43	2895973	24.735	ppbv		98
19) Isopropyl Alcohol	3.607	45	2478826	36.215	ppbv	#	98
20) Methylene Chloride	3.954	84	4603327	105.436	ppbv		92
26) Hexane	5.234	57	3040182	31.508	ppbv	#	40
29) Chloroform	5.298	83	668756	4.249	ppbv		97
34) 2-Butanone	4.803	43	728181	5.696	ppbv		99
35) Carbon Tetrachloride	6.517	117	8804	0.060	ppbv	#	83
36) Benzene	6.388	78	35010m	0.181	ppbv		
41) Tetrahydrofuran	5.578	42	299717	4.099	ppbv		92
42) Bromodichloromethane	7.269	83	18705	0.120	ppbv	#	99
52) Tetrachloroethene	10.639	164	10179m	0.136	ppbv		
53) Toluene	9.243	91	85799	0.399	ppbv		97
58) Ethyl Benzene	12.111	91	29979	0.107	ppbv		95
59) m/p-Xylene	12.368	91	117480m	0.487	ppbv		
60) o-Xylene	13.082	91	46268m	0.203	ppbv		
61) Styrene	12.921	104	15550m	0.151	ppbv		
69) p-Isopropyltoluene	17.018	119	160193	0.447	ppbv		93
72) 4-Ethyltoluene	15.214	105	44888	0.167	ppbv	#	91
73) 1,3,5-Trimethylbenzene	15.365	105	57267m	0.248	ppbv		
74) 1,2,4-Trimethylbenzene	16.130	105	164218	0.611	ppbv	#	72
76) 1,4-Dichlorobenzene	16.494	146	1451235	8.867	ppbv		99
79) Naphthalene	21.407	128	2141070	9.021	ppbv		99

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

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