Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
Data File : VL041449.D
Acq On : 30 Jul 2024 4:34
Operator : SY/MD
Sample : P3342-13
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 30 06:48:38 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 Jul 30 02:42:20 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
ACVI-AA01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.195	49	1033788	10.000	ppbv		0.02
33) 1,4-Difluorobenzene	6.655	114	2817453	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.468	117	2586347	10.000	ppbv	#	0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.777	95	1968173	9.889	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.900%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.735	85	44360	0.249	ppbv		98
3) Chlorodifluoromethane	2.684	51	33766m	0.274	ppbv		
4) Chloromethane	2.822	50	41719	0.637	ppbv	#	87
9) Propene	2.713	41	64366m	1.139	ppbv		
10) Heptane	7.577	43	404504	3.184	ppbv		96
11) Trichlorofluoromethane	3.571	101	33498	0.212	ppbv		89
13) Ethanol	3.243	45	1037156	205.258	ppbv		97
15) Acetone	3.475	43	503881m	4.290	ppbv		
19) Isopropyl Alcohol	3.584	45	719382	10.476	ppbv		100
20) Methylene Chloride	3.938	84	275973	6.301	ppbv		98
26) Hexane	5.214	57	1403553	14.499	ppbv	#	43
30) Cyclohexane	6.603	84	80933	1.027	ppbv		92
34) 2-Butanone	4.793	43	160813	1.180	ppbv		96
35) Carbon Tetrachloride	6.503	117	8497m	0.055	ppbv		
36) Benzene	6.372	78	592841	2.880	ppbv		98
44) 2,2,4-Trimethylpentane	7.330	57	1007431	2.930	ppbv	#	86
52) Tetrachloroethene	10.609	164	9070m	0.114	ppbv		
53) Toluene	9.224	91	3975844	17.338	ppbv		99
58) Ethyl Benzene	12.085	91	867395	2.910	ppbv		94
59) m/p-Xylene	12.339	91	1330756	5.171	ppbv		96
60) o-Xylene	13.060	91	494903	2.033	ppbv		99
61) Styrene	12.896	104	402060	3.661	ppbv		98
62) Isopropylbenzene	14.027	105	45355	0.123	ppbv		95
64) n-propylbenzene	14.921	120	10836m	0.112	ppbv		
72) 4-Ethyltoluene	15.191	105	54118m	0.189	ppbv		
73) 1,3,5-Trimethylbenzene	15.358	105	27816	0.113	ppbv	#	85
74) 1,2,4-Trimethylbenzene	16.111	105	116377m	0.405	ppbv		

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

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