Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101722\
Data File : VL039721.D
Acq On : 17 Oct 2022 16:07
Operator : SY/AP
Sample : N5169-03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 18 05:27:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Oct 18 05:23:57 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
IA1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.230	49	1019444	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.687	114	2628582	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.497	117	2322380	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.802	95	1688650	9.740	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.400%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.771	85	82278	0.696	ppbv		100
3) Chlorodifluoromethane	2.713	51	40594m	0.336	ppbv		
4) Chloromethane	2.851	50	33556m	0.460	ppbv		
9) Propene	2.745	41	193740m	3.506	ppbv		
10) Heptane	7.613	43	82394m	0.639	ppbv		
11) Trichlorofluoromethane	3.600	101	31488	0.215	ppbv		92
13) Ethanol	3.279	45	243178m	57.763	ppbv		
15) Acetone	3.510	43	713656m	6.291	ppbv		
19) Isopropyl Alcohol	3.623	45	185788	3.213	ppbv	#	97
20) Methylene Chloride	3.970	84	99573	1.899	ppbv		97
26) Hexane	5.253	57	191722	1.826	ppbv	#	57
29) Chloroform	5.308	83	25393m	0.168	ppbv		
30) Cyclohexane	6.648	84	14600m	0.180	ppbv		
34) 2-Butanone	4.835	43	63531	0.492	ppbv		95
35) Carbon Tetrachloride	6.533	117	8803m	0.063	ppbv		
36) Benzene	6.401	78	151749	0.755	ppbv	#	92
44) 2,2,4-Trimethylpentane	7.359	57	111571m	0.322	ppbv		
52) Tetrachloroethene	10.645	164	2071718	27.021	ppbv		95
53) Toluene	9.253	91	835475	3.738	ppbv		100
58) Ethyl Benzene	12.124	91	294526m	1.100	ppbv		
59) m/p-Xylene	12.375	91	1058176	4.441	ppbv		94
60) o-Xylene	13.089	91	269307	1.183	ppbv		98
72) 4-Ethyltoluene	15.224	105	34136m	0.131	ppbv		
73) 1,3,5-Trimethylbenzene	15.375	105	26125m	0.110	ppbv		
74) 1,2,4-Trimethylbenzene	16.140	105	92698	0.348	ppbv	#	67

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

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