Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091824\
Data File : VL041607.D
Acq On : 18 Sep 2024 15:03
Operator : SY/MD
Sample : P4028-04
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 19 01:33:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
IA2

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.195	49	943034	10.000	ppbv		0.03
33) 1,4-Difluorobenzene	6.652	114	2578015	10.000	ppbv		0.02
55) Chlorobenzene-d5	11.462	117	2328899	10.000	ppbv		0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.770	95	1684243	9.824	ppbv		0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.200%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.739	85	39441	0.290	ppbv		89
3) Chlorodifluoromethane	2.684	51	43767m	0.383	ppbv		
4) Chloromethane	2.825	50	35571	0.565	ppbv		100
9) Propene	2.713	41	75693m	1.569	ppbv		
10) Heptane	7.581	43	98530	0.872	ppbv		94
11) Trichlorofluoromethane	3.565	101	34490	0.238	ppbv		93
13) Ethanol	3.243	45	996713	274.787	ppbv		98
15) Acetone	3.468	43	4039091	34.116	ppbv		98
19) Isopropyl Alcohol	3.581	45	4780692	78.880	ppbv	#	97
20) Methylene Chloride	3.938	84	70319	1.581	ppbv		93
26) Hexane	5.214	57	67890	0.766	ppbv	#	43
29) Chloroform	5.279	83	23194	0.160	ppbv		97
34) 2-Butanone	4.796	43	63444	0.516	ppbv		95
35) Carbon Tetrachloride	6.491	117	9455m	0.075	ppbv		
36) Benzene	6.375	78	35484m	0.198	ppbv		
44) 2,2,4-Trimethylpentane	7.327	57	32856m	0.106	ppbv		
52) Tetrachloroethene	10.623	164	7959m	0.123	ppbv		
53) Toluene	9.221	91	320302	1.685	ppbv		99
58) Ethyl Benzene	12.092	91	39539m	0.159	ppbv		
59) m/p-Xylene	12.336	91	100575m	0.453	ppbv		
60) o-Xylene	13.053	91	44857m	0.211	ppbv		
64) n-propylbenzene	14.925	120	11392m	0.137	ppbv		
72) 4-Ethyltoluene	15.191	105	49948	0.201	ppbv	#	95
73) 1,3,5-Trimethylbenzene	15.346	105	48371m	0.220	ppbv		
74) 1,2,4-Trimethylbenzene	16.108	105	207247	0.806	ppbv	#	67

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

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