Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011524\
Data File : VL040976.D
Acq On : 15 Jan 2024 18:53
Operator : SY/MD
Sample : P1138-02 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 16 03:40:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Jan 16 03:31:29 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SV2

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.195	49	1306924	10.000	ppbv		0.02
33) 1,4-Difluorobenzene	6.648	114	3543947	10.000	ppbv		0.01
55) Chlorobenzene-d5	11.449	117	3161921	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.757	95	2309571	9.916	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.200%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.748	85	20200	0.081	ppbv		90
9) Propene	2.719	41	116395	1.794	ppbv		96
10) Heptane	7.571	43	3256375	20.187	ppbv		97
13) Ethanol	3.266	45	16305m	0.996	ppbv		
15) Acetone	3.481	43	1045523	6.670	ppbv	#	88
19) Isopropyl Alcohol	3.603	45	54202m	0.663	ppbv		
20) Methylene Chloride	3.947	84	113493	2.031	ppbv		95
26) Hexane	5.217	57	547158	4.546	ppbv	#	39
29) Chloroform	5.275	83	12537m	0.062	ppbv		
30) Cyclohexane	6.603	84	7689m	0.077	ppbv		
32) 1,1,1-Trichloroethane	6.002	97	22666m	0.115	ppbv		
34) 2-Butanone	4.787	43	2060549	10.991	ppbv		99
36) Benzene	6.365	78	39720m	0.143	ppbv		
38) Trichloroethene	7.282	130	100341m	0.964	ppbv		
51) 2-Hexanone	9.548	43	252675	1.236	ppbv	#	95
52) Tetrachloroethene	10.610	164	15379m	0.165	ppbv		
53) Toluene	9.208	91	234736	0.764	ppbv		97
58) Ethyl Benzene	12.076	91	106283	0.262	ppbv		92
59) m/p-Xylene	12.326	91	401021m	1.161	ppbv		
60) o-Xylene	13.044	91	151948	0.467	ppbv		100
64) n-propylbenzene	14.902	120	11808m	0.098	ppbv		
72) 4-Ethyltoluene	15.175	105	77201	0.216	ppbv		97
73) 1,3,5-Trimethylbenzene	15.336	105	57106m	0.185	ppbv		
74) 1,2,4-Trimethylbenzene	16.088	105	293381	0.855	ppbv	#	68

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

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