Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011524\
Data File : VL040970.D
Acq On : 15 Jan 2024 14:54
Operator : SY/MD
Sample : P1138-03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 16 03:36:01 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 :
IA1

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	5.189	49	1149579	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.642	114	2823039	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.446	117	2343486	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1797685	10.414	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.745	85	106682	0.487	ppbv	96
4) Chloromethane	2.825	50	30242	0.474	ppbv	91
9) Propene	2.719	41	579431m	10.151	ppbv	
10) Heptane	7.568	43	165408	1.166	ppbv	93
11) Trichlorofluoromethane	3.571	101	41324	0.241	ppbv	99
13) Ethanol	3.247	45	455179	31.610	ppbv	100
15) Acetone	3.478	43	412594m	2.993	ppbv	
19) Isopropyl Alcohol	3.584	45	1783691	24.793	ppbv	100
20) Methylene Chloride	3.938	84	1303300	26.520	ppbv	98
26) Hexane	5.211	57	1436105	13.564	ppbv #	41
30) Cyclohexane	6.594	84	74877	0.848	ppbv	90
34) 2-Butanone	4.787	43	29240	0.196	ppbv #	84
35) Carbon Tetrachloride	6.488	117	12377m	0.070	ppbv	
36) Benzene	6.362	78	351174	1.591	ppbv	99
38) Trichloroethene	7.279	130	25641m	0.309	ppbv	
43) Methyl Methacrylate	7.462	69	77931m	0.900	ppbv	
44) 2,2,4-Trimethylpentane	7.317	57	369205	0.985	ppbv #	79
52) Tetrachloroethene	10.603	164	3052m	0.041	ppbv	
53) Toluene	9.204	91	1356477	5.543	ppbv	99
58) Ethyl Benzene	12.069	91	440422	1.463	ppbv	99
59) m/p-Xylene	12.327	91	1343073	5.246	ppbv #	100
60) o-Xylene	13.037	91	446211	1.850	ppbv	98
62) Isopropylbenzene	14.005	105	48375	0.135	ppbv	96
64) n-propylbenzene	14.896	120	12584m	0.140	ppbv	
72) 4-Ethyltoluene	15.172	105	78850m	0.298	ppbv	
73) 1,3,5-Trimethylbenzene	15.333	105	60860m	0.266	ppbv	
74) 1,2,4-Trimethylbenzene	16.092	105	235798m	0.927	ppbv	

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

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