Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011524\
Data File : VL040973.D
Acq On : 15 Jan 2024 16:56
Operator : SY/MD
Sample : P1138-05
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 16 03:38:09 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 :
OA1

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	5.192	49	1195054	10.000	ppbv		0.02
33) 1,4-Difluorobenzene	6.652	114	3213489	10.000	ppbv		0.02
55) Chlorobenzene-d5	11.455	117	2906699	10.000	ppbv		0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.764	95	2218863	10.364	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.600%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.745	85	117926	0.518	ppbv		97
4) Chloromethane	2.829	50	37584	0.567	ppbv		95
9) Propene	2.710	41	4968326	83.729	ppbv		96
10) Heptane	7.587	43	12009781	81.420	ppbv		89
11) Trichlorofluoromethane	3.571	101	41747	0.235	ppbv		93
13) Ethanol	3.272	45	18873073	1260.762	ppbv		89
15) Acetone	3.478	43	1011979m	7.061	ppbv		
16) 1,3-Butadiene	2.986	39	1448156m	23.466	ppbv		
20) Methylene Chloride	3.941	84	728747	14.264	ppbv		97
26) Hexane	5.224	57	15243170	138.494	ppbv	#	41
30) Cyclohexane	6.607	84	6445838	70.245	ppbv		89
35) Carbon Tetrachloride	6.491	117	11590m	0.058	ppbv		
36) Benzene	6.372	78	17890347	71.217	ppbv	#	72
44) 2,2,4-Trimethylpentane	7.333	57	20304588	47.584	ppbv	#	70
52) Tetrachloroethene	10.600	164	2592m	0.031	ppbv		
53) Toluene	9.237	91	30328614	108.879	ppbv	#	73
58) Ethyl Benzene	12.082	91	18530434	49.634	ppbv	#	70
59) m/p-Xylene	12.352	91	33855511	106.610	ppbv	#	100
60) o-Xylene	13.053	91	17897273	59.814	ppbv		82
61) Styrene	12.889	104	1098379	7.722	ppbv		98
62) Isopropylbenzene	14.015	105	5855023	13.196	ppbv		99
64) n-propylbenzene	14.905	120	1521485	13.670	ppbv		90
65) tert-Butylbenzene	16.098	119	2347982	6.225	ppbv	#	70
67) sec-Butylbenzene	16.619	105	446377	0.814	ppbv		100
69) p-Isopropyltoluene	16.973	119	268030	0.629	ppbv	#	70
70) n-Butylbenzene	17.876	91	1406891m	3.181	ppbv		
72) 4-Ethyltoluene	15.179	105	7418373	22.590	ppbv		97
73) 1,3,5-Trimethylbenzene	15.336	105	6400411	22.581	ppbv		98
74) 1,2,4-Trimethylbenzene	16.098	105	16828232	53.348	ppbv	#	72
79) Naphthalene	21.365	128	758391	4.990	ppbv		98

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

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