Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040424\
Data File : VL041133.D
Acq On : 4 Apr 2024 20:12
Operator : SY/MD
Sample : P1953-06
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 05 05:12:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Fri Apr 05 04:49:46 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
OA1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt
04/05/2024
Supervised By :Mahesh Dadoda
04/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.211	49	1182397	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	2972989	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.491	117	2794557	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.802	95	2203302	9.805	ppbv	-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.735	85	72114	0.357	ppbv	96
3) Chlorodifluoromethane	2.681	51	51893m	0.285	ppbv	
4) Chloromethane	2.819	50	42445	0.616	ppbv	100
9) Propene	2.700	41	265762	4.587	ppbv	90
10) Heptane	7.597	43	52700m	0.383	ppbv	
11) Trichlorofluoromethane	3.578	101	43634m	0.238	ppbv	
13) Ethanol	3.250	45	580857	42.153	ppbv	96
15) Acetone	3.478	43	1081959	8.451	ppbv	90
19) Isopropyl Alcohol	3.587	45	300189	3.860	ppbv	99
20) Methylene Chloride	3.948	84	699086	13.239	ppbv	96
26) Hexane	5.234	57	349934	3.244	ppbv #	46
30) Cyclohexane	6.629	84	53486m	0.609	ppbv	
34) 2-Butanone	4.806	43	140090	1.114	ppbv	98
35) Carbon Tetrachloride	6.517	117	13842m	0.082	ppbv	
36) Benzene	6.391	78	317878	1.456	ppbv	96
44) 2,2,4-Trimethylpentane	7.353	57	575642	1.593	ppbv	93
50) 4-Methyl-2-Pentanone	8.234	43	38505m	0.174	ppbv	
52) Tetrachloroethene	10.645	164	7180m	0.103	ppbv	
53) Toluene	9.250	91	1470714	6.398	ppbv	100
58) Ethyl Benzene	12.118	91	181851	0.594	ppbv	95
59) m/p-Xylene	12.372	91	587267	2.125	ppbv	95
60) o-Xylene	13.089	91	201555	0.770	ppbv	94
61) Styrene	12.921	104	13410m	0.116	ppbv	
72) 4-Ethyltoluene	15.217	105	39023m	0.133	ppbv	
73) 1,3,5-Trimethylbenzene	15.381	105	26976m	0.105	ppbv	
74) 1,2,4-Trimethylbenzene	16.137	105	132092	0.448	ppbv #	70

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

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