Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040424\
Data File : VL041131.D
Acq On : 4 Apr 2024 18:48
Operator : SY/MD
Sample : P1953-05
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 05 05:11:28 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 :
IA1

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	1210096	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.677	114	3127728	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.494	117	2727657	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.809	95	2209783	10.075	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.735	85	68684	0.332	ppbv #	87
3) Chlorodifluoromethane	2.677	51	51031m	0.274	ppbv	
4) Chloromethane	2.816	50	40997	0.581	ppbv	93
9) Propene	2.700	41	459084	7.743	ppbv	89
10) Heptane	7.607	43	83107	0.590	ppbv	88
11) Trichlorofluoromethane	3.575	101	41523	0.221	ppbv	94
13) Ethanol	3.247	45	987625	70.031	ppbv	97
15) Acetone	3.478	43	838242	6.397	ppbv #	77
19) Isopropyl Alcohol	3.587	45	377209	4.739	ppbv	100
20) Methylene Chloride	3.947	84	766660	14.187	ppbv	97
26) Hexane	5.230	57	513241	4.648	ppbv #	46
30) Cyclohexane	6.623	84	42886	0.477	ppbv #	83
34) 2-Butanone	4.806	43	180361	1.363	ppbv	99
35) Carbon Tetrachloride	6.513	117	14393m	0.081	ppbv	
36) Benzene	6.391	78	577360	2.514	ppbv	97
44) 2,2,4-Trimethylpentane	7.353	57	1043313	2.744	ppbv	95
50) 4-Methyl-2-Pentanone	8.230	43	69344m	0.298	ppbv	
52) Tetrachloroethene	10.648	164	7384m	0.101	ppbv	
53) Toluene	9.250	91	2626483	10.860	ppbv	100
58) Ethyl Benzene	12.121	91	385552	1.291	ppbv	94
59) m/p-Xylene	12.378	91	1107934m	4.108	ppbv	
60) o-Xylene	13.085	91	373066	1.460	ppbv	97
61) Styrene	12.921	104	24702m	0.218	ppbv	
72) 4-Ethyltoluene	15.224	105	71233	0.250	ppbv #	87
73) 1,3,5-Trimethylbenzene	15.381	105	49596m	0.197	ppbv	
74) 1,2,4-Trimethylbenzene	16.137	105	211167	0.733	ppbv #	68

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

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