Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031424\
Data File : VL041116.D
Acq On : 15 Mar 2024 8:37
Operator : SY/MD
Sample : P1748-01 2X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 16 02:12:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Fri Mar 15 02:44:43 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SVP-04

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.201	49	1232608	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.664	114	3111872	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.481	117	2831900	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.789	95	2252652	10.174	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.700%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.732	85	44572	0.190	ppbv		96
3) Chlorodifluoromethane	2.677	51	23801m	0.131	ppbv		
4) Chloromethane	2.816	50	19907	0.291	ppbv		91
9) Propene	2.706	41	33910	0.562	ppbv		88
11) Trichlorofluoromethane	3.568	101	20741	0.115	ppbv		89
13) Ethanol	3.246	45	123974	7.717	ppbv		93
15) Acetone	3.478	43	201732	1.437	ppbv		99
20) Methylene Chloride	3.941	84	143907	2.629	ppbv		95
26) Hexane	5.224	57	76728	0.679	ppbv	#	40
34) 2-Butanone	4.809	43	79051m	0.513	ppbv		
44) 2,2,4-Trimethylpentane	7.340	57	89238	0.231	ppbv	#	81
53) Toluene	9.233	91	5301287	21.232	ppbv		97
58) Ethyl Benzene	12.105	91	57978m	0.175	ppbv		

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

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