Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092524\
Data File : VL041629.D
Acq On : 25 Sep 2024 18:38
Operator : SY/MD
Sample : P4199-01DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 26 01:23:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.172	49	1026887	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.635	114	2720772	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2399818	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1764362	9.987	ppbv	0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.900%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.703	85	21563	0.145	ppbv #	86
4) Chloromethane	2.787	50	7405	0.108	ppbv #	74
9) Propene	2.671	41	74515	1.418	ppbv	99
10) Heptane	7.565	43	37781	0.307	ppbv	96
11) Trichlorofluoromethane	3.536	101	21334	0.135	ppbv	99
13) Ethanol	3.230	45	18649m	4.722	ppbv	
15) Acetone	3.446	43	669683	5.195	ppbv #	89
20) Methylene Chloride	3.915	84	11390m	0.235	ppbv	
26) Hexane	5.192	57	35650	0.369	ppbv #	40
27) Carbon Disulfide	4.108	76	17325m	0.169	ppbv	
32) 1,1,1-Trichloroethane	5.989	97	6775m	0.048	ppbv	
34) 2-Butanone	4.771	43	638390	4.921	ppbv	98
35) Carbon Tetrachloride	6.478	117	6161m	0.046	ppbv	
36) Benzene	6.349	78	27909	0.148	ppbv	95
38) Trichloroethene	7.272	130	4971m	0.051	ppbv	
51) 2-Hexanone	9.555	43	45169m	0.298	ppbv	
52) Tetrachloroethene	10.600	164	102556	1.499	ppbv	95
53) Toluene	9.208	91	104319	0.520	ppbv	98
58) Ethyl Benzene	12.076	91	26476m	0.103	ppbv	
59) m/p-Xylene	12.330	91	77876m	0.341	ppbv	
60) o-Xylene	13.050	91	24301m	0.111	ppbv	

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

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