Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092524\
Data File : VL041626.D
Acq On : 25 Sep 2024 16:36
Operator : SY/MD
Sample : P4174-01DL 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 26 01:21:24 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	5.169	49	1080988	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.632	114	2881122	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.449	117	2557929	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.764	95	1875270	9.959	ppbv		0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.600%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.700	85	34864	0.223	ppbv		92
3) Chlorodifluoromethane	2.645	51	120099	0.916	ppbv		97
4) Chloromethane	2.784	50	21465	0.298	ppbv		93
9) Propene	2.668	41	142628	2.579	ppbv		94
10) Heptane	7.565	43	21363m	0.165	ppbv		
11) Trichlorofluoromethane	3.536	101	44767	0.269	ppbv		94
13) Ethanol	3.214	45	64788	15.582	ppbv		96
15) Acetone	3.436	43	4890026	36.033	ppbv		93
17) tert-Butyl alcohol	3.861	59	38685	0.324	ppbv	#	86
19) Isopropyl Alcohol	3.549	45	1314567	18.922	ppbv	#	1
20) Methylene Chloride	3.906	84	24855	0.488	ppbv		98
26) Hexane	5.192	57	69521	0.684	ppbv	#	35
29) Chloroform	5.253	83	223611	1.345	ppbv		92
32) 1,1,1-Trichloroethane	5.976	97	8003m	0.054	ppbv		
34) 2-Butanone	4.764	43	463601	3.375	ppbv		98
35) Carbon Tetrachloride	6.475	117	33390	0.236	ppbv		89
36) Benzene	6.349	78	91306	0.456	ppbv		99
38) Trichloroethene	7.266	130	6843m	0.066	ppbv		
50) 4-Methyl-2-Pentanone	8.179	43	20895m	0.098	ppbv		
52) Tetrachloroethene	10.600	164	637900	8.804	ppbv		97
53) Toluene	9.205	91	101627	0.478	ppbv		96
59) m/p-Xylene	12.327	91	28883m	0.119	ppbv		

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

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