Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082224\
Data File : VL041588.D
Acq On : 22 Aug 2024 15:37
Operator : SY/MD
Sample : P3710-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CD130

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

Quant Time: Aug 23 01:33:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Fri Aug 23 01:15:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.192	49	888505	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.648	114	2312077	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.452	117	2199054	10.000	ppbv	#	0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.760	95	1689958	9.986	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.900%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.745	85	41408	0.271	ppbv		90
3) Chlorodifluoromethane	2.690	51	15643992	147.903	ppbv	#	74
4) Chloromethane	2.832	50	21785m	0.387	ppbv		
10) Heptane	7.577	43	30885m	0.283	ppbv		
11) Trichlorofluoromethane	3.571	101	34465	0.254	ppbv		98
12) 1,1,2-Trichlorotrifluo...	4.069	101	18217m	0.186	ppbv		
13) Ethanol	3.253	45	48098	11.075	ppbv		85
15) Acetone	3.481	43	554102	5.489	ppbv		98
17) tert-Butyl alcohol	3.902	59	15879m	0.172	ppbv		
19) Isopropyl Alcohol	3.590	45	78755	1.334	ppbv	#	87
20) Methylene Chloride	3.941	84	116151	3.085	ppbv		98
23) Vinyl Acetate	4.623	43	41416	0.537	ppbv	#	82
26) Hexane	5.214	57	116903	1.405	ppbv	#	67
32) 1,1,1-Trichloroethane	6.002	97	13394m	0.101	ppbv		
34) 2-Butanone	4.796	43	75962	0.679	ppbv		97
35) Carbon Tetrachloride	6.491	117	122181	0.958	ppbv		99
36) Benzene	6.365	78	15851m	0.094	ppbv		
37) 1,2-Dichloroethane	5.803	62	9140	0.097	ppbv	#	93
38) Trichloroethene	7.285	130	2903016	37.507	ppbv		98
43) Methyl Methacrylate	7.471	69	18483m	0.305	ppbv		
44) 2,2,4-Trimethylpentane	7.317	57	735580	2.607	ppbv		96
50) 4-Methyl-2-Pentanone	8.182	43	28819m	0.163	ppbv		
52) Tetrachloroethene	10.603	164	186281	2.854	ppbv		95
53) Toluene	9.211	91	6193536	32.913	ppbv		97
58) Ethyl Benzene	12.076	91	259709	1.025	ppbv		96
59) m/p-Xylene	12.326	91	305726	1.397	ppbv		95
60) o-Xylene	13.043	91	117249	0.566	ppbv		99
61) Styrene	12.886	104	148623	1.592	ppbv		98

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

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