Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100423\
Data File : VL040743.D
Acq On : 4 Oct 2023 16:54
Operator : SY/MD
Sample : 04716-03DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Quant Time: Oct 05 04:27:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug :
QLast Update : Tue Sep 19 05:12:43 2023
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.192	49	955034	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2675255	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.449	117	2269128	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1724223	9.835	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.300%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.745	85	108482	0.516	ppbv	99
3) Chlorodifluoromethane	2.694	51	140381m	0.902	ppbv	
4) Chloromethane	2.829	50	37011m	0.621	ppbv	
9) Propene	2.719	41	126413m	2.820	ppbv	
10) Heptane	7.571	43	33690m	0.334	ppbv	
11) Trichlorofluoromethane	3.575	101	44335	0.240	ppbv	96
13) Ethanol	3.250	45	361731	27.266	ppbv	98
15) Acetone	3.478	43	1238044m	9.828	ppbv	
20) Methylene Chloride	3.941	84	502904	7.417	ppbv	96
26) Hexane	5.214	57	361351	3.761	ppbv #	44
29) Chloroform	5.272	83	16838m	0.102	ppbv	
30) Cyclohexane	6.597	84	17755m	0.245	ppbv	
34) 2-Butanone	4.796	43	78046	0.580	ppbv	97
35) Carbon Tetrachloride	6.494	117	13913m	0.076	ppbv	
36) Benzene	6.369	78	111011	0.560	ppbv	94
38) Trichloroethene	7.285	130	4266m	0.056	ppbv	
44) 2,2,4-Trimethylpentane	7.314	57	120959m	0.383	ppbv	
52) Tetrachloroethene	10.603	164	7497m	0.116	ppbv	
53) Toluene	9.208	91	2660771	12.722	ppbv	99
58) Ethyl Benzene	12.076	91	86350m	0.334	ppbv	
59) m/p-Xylene	12.330	91	333026	1.371	ppbv	96
60) o-Xylene	13.040	91	117781	0.508	ppbv	98
61) Styrene	12.880	104	25009m	0.258	ppbv	
73) 1,3,5-Trimethylbenzene	15.339	105	80735	0.345	ppbv	91
74) 1,2,4-Trimethylbenzene	16.089	105	269088	0.944	ppbv #	68

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

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