Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090723\
Data File : VL040670.D
Acq On : 7 Sep 2023 13:35
Operator : SY/MD
Sample : 04323-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 07 14:04:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Wed Aug 16 05:43:50 2023
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
IA1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.192	49	1072432	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.655	114	2727321	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.475	117	2375292	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.783	95	1921463	10.171	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.700%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.719	85	64948	0.281	ppbv		99
3) Chlorodifluoromethane	2.665	51	61379m	0.349	ppbv		
4) Chloromethane	2.809	50	33352	0.486	ppbv		97
9) Propene	2.697	41	62536m	1.146	ppbv		
10) Heptane	7.584	43	55707m	0.443	ppbv		
11) Trichlorofluoromethane	3.558	101	61125	0.328	ppbv		96
13) Ethanol	3.234	45	139353	9.152	ppbv		98
15) Acetone	3.456	43	5424619	41.354	ppbv		96
17) tert-Butyl alcohol	3.880	59	99387	0.714	ppbv	#	94
20) Methylene Chloride	3.928	84	798658	12.459	ppbv		99
25) Ethyl Acetate	5.201	43	768710	3.120	ppbv	#	97
26) Hexane	5.211	57	459170	3.852	ppbv	#	78
29) Chloroform	5.272	83	25245	0.134	ppbv	#	68
30) Cyclohexane	6.600	84	10392m	0.114	ppbv		
31) cis-1,2-Dichloroethene	5.076	61	14041m	0.131	ppbv		
34) 2-Butanone	4.787	43	120564	0.877	ppbv		100
35) Carbon Tetrachloride	6.488	117	12908m	0.076	ppbv		
36) Benzene	6.372	78	90018	0.415	ppbv	#	93
38) Trichloroethene	7.301	130	9773m	0.116	ppbv		
43) Methyl Methacrylate	7.478	69	39022	0.480	ppbv		94
52) Tetrachloroethene	10.622	164	2461971	36.232	ppbv		98
53) Toluene	9.224	91	398015	1.726	ppbv		100
58) Ethyl Benzene	12.098	91	68694m	0.240	ppbv		
59) m/p-Xylene	12.356	91	178392m	0.683	ppbv		
60) o-Xylene	13.066	91	74588	0.301	ppbv		97
61) Styrene	12.902	104	12723m	0.117	ppbv		
73) 1,3,5-Trimethylbenzene	15.362	105	38896	0.156	ppbv		96
74) 1,2,4-Trimethylbenzene	16.117	105	124106	0.425	ppbv	#	69

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

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