Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121421\
Data File : VL038175.D
Acq On : 14 Dec 2021 20:44
Operator : SY/AP
Sample : M5075-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 15 06:44:27 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821A
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
AA-DSW

Manual Integrations APPROVED
Reviewed By :Amit Patel 12/15/2021
Supervised By :Semsettin Yesilyurt 12/16/2021

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.63	49	881750	10.00	ppbv		-0.04
33) 1,4-Difluorobenzene	7.13	114	2310559	10.00	ppbv		-0.04
55) Chlorobenzene-d5	12.03	117	2058100	10.00	ppbv		-0.05
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.36	95	1649200	11.11	ppbv		-0.05
Spiked Amount 10.000	Range 65 - 135		Recovery = 111.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	34094	0.234	ppbv		92
3) Chlorodifluoromethane	2.97	51	46453m	0.251	ppbv		
4) Chloromethane	3.12	50	29086	0.461	ppbv		93
9) Propene	3.00	41	64066	0.939	ppbv		88
10) Heptane	8.08	43	21878m	0.130	ppbv		
11) Trichlorofluoromethane	3.92	101	28348	0.205	ppbv		97
13) Ethanol	3.58	45	176180	26.733	ppbv		92
15) Acetone	3.82	43	602462	7.881	ppbv		94
19) Isopropyl Alcohol	3.95	45	88961	1.611	ppbv	#	1
20) Methylene Chloride	4.31	84	646817	15.105	ppbv		94
26) Hexane	5.65	57	548198	4.476	ppbv	#	45
30) Cyclohexane	7.09	84	31267m	0.281	ppbv		
34) 2-Butanone	5.21	43	23300	0.250	ppbv	#	86
35) Carbon Tetrachloride	6.97	117	11222	0.069	ppbv	#	90
36) Benzene	6.85	78	66316	0.288	ppbv	#	92
41) Tetrahydrofuran	6.01	42	53592	0.927	ppbv		98
44) 2,2,4-Trimethylpentane	7.83	57	55554	0.144	ppbv	#	61
53) Toluene	9.76	91	181056	0.683	ppbv		97
59) m/p-Xylene	12.91	91	74077m	0.259	ppbv		
60) o-Xylene	13.64	91	36222m	0.136	ppbv		
61) Styrene	13.48	104	7517686	52.787	ppbv		89
74) 1,2,4-Trimethylbenzene	16.71	105	30183m	0.104	ppbv		

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

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