Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041923\
Data File : VL040392.D
Acq On : 19 Apr 2023 23:02
Operator : SY/MD
Sample : 02410-02 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 20 07:49:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Apr 13 14:37:02 2023
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SV-01-20230417

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.176	49	1107475	10.000	ppbv		-0.01
33) 1,4-Difluorobenzene	6.639	114	2938834	10.000	ppbv		-0.02
55) Chlorobenzene-d5	11.459	117	2743056	10.000	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.770	95	2268723	10.002	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.000%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.710	85	27019	0.135	ppbv		98
3) Chlorodifluoromethane	2.655	51	25492m	0.176	ppbv		
4) Chloromethane	2.797	50	15295	0.167	ppbv		90
9) Propene	2.681	41	792585m	13.863	ppbv		
10) Heptane	7.568	43	147025	1.132	ppbv		99
11) Trichlorofluoromethane	3.542	101	34168	0.169	ppbv		84
13) Ethanol	3.221	45	38391m	8.044	ppbv		
15) Acetone	3.446	43	673630m	4.295	ppbv		
20) Methylene Chloride	3.915	84	98788	1.577	ppbv		94
26) Hexane	5.198	57	296419	2.664	ppbv	#	37
27) Carbon Disulfide	4.105	76	123556	0.858	ppbv	#	89
29) Chloroform	5.256	83	112736	0.569	ppbv		96
30) Cyclohexane	6.584	84	85060	0.987	ppbv	#	89
34) 2-Butanone	4.768	43	765989	4.834	ppbv		98
36) Benzene	6.356	78	835047	3.483	ppbv		98
38) Trichloroethene	7.275	130	14797m	0.108	ppbv		
41) Tetrahydrofuran	5.546	42	221794	2.556	ppbv		99
44) 2,2,4-Trimethylpentane	7.311	57	481384	1.202	ppbv	#	51
52) Tetrachloroethene	10.603	164	25543m	0.341	ppbv		
53) Toluene	9.211	91	620492	2.441	ppbv		99
58) Ethyl Benzene	12.079	91	360340	1.068	ppbv		96
59) m/p-Xylene	12.336	91	806077	2.598	ppbv		95
60) o-Xylene	13.047	91	428562	1.439	ppbv		99
62) Isopropylbenzene	14.024	105	85255	0.199	ppbv		96
64) n-propylbenzene	14.918	120	29353m	0.278	ppbv		
67) sec-Butylbenzene	16.629	105	68801	0.127	ppbv		97
73) 1,3,5-Trimethylbenzene	15.349	105	279659m	0.921	ppbv		
74) 1,2,4-Trimethylbenzene	16.098	105	362713	1.045	ppbv	#	67

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

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