Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021623\
Data File : VL040184.D
Acq On : 16 Feb 2023 18:48
Operator : SY/MD
Sample : 01550-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SVP-03

Quant Time: Feb 17 03:31:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Feb 15 17:01:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.185	49	827316	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.648	114	2077500	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.468	117	1920722	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.780	95	1517067	9.605	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.100%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.713	85	24073	0.156	ppbv		94
3) Chlorodifluoromethane	2.661	51	21050m	0.213	ppbv		
4) Chloromethane	2.803	50	6018	0.097	ppbv	#	83
9) Propene	2.684	41	316909m	7.867	ppbv		
10) Heptane	7.577	43	256618	2.676	ppbv		98
11) Trichlorofluoromethane	3.552	101	74409	0.538	ppbv		88
13) Ethanol	3.227	45	37550m	10.125	ppbv		
15) Acetone	3.452	43	3044642	30.568	ppbv	#	78
17) tert-Butyl alcohol	3.867	59	351563	3.870	ppbv	#	1
19) Isopropyl Alcohol	3.568	45	57222m	1.209	ppbv		
20) Methylene Chloride	3.925	84	240103	4.631	ppbv		97
26) Hexane	5.208	57	1347571	16.953	ppbv	#	36
27) Carbon Disulfide	4.115	76	49922	0.495	ppbv	#	82
29) Chloroform	5.266	83	36483	0.267	ppbv		88
30) Cyclohexane	6.600	84	16324m	0.262	ppbv		
32) 1,1,1-Trichloroethane	5.996	97	5598m	0.044	ppbv		
34) 2-Butanone	4.777	43	428802	4.184	ppbv		95
35) Carbon Tetrachloride	6.491	117	5050m	0.041	ppbv		
36) Benzene	6.368	78	115447	0.714	ppbv		93
44) 2,2,4-Trimethylpentane	7.323	57	222798m	0.826	ppbv		
51) 2-Hexanone	9.552	43	306070	2.501	ppbv	#	92
52) Tetrachloroethene	10.622	164	21358m	0.423	ppbv		
53) Toluene	9.220	91	693042	4.002	ppbv		99
58) Ethyl Benzene	12.092	91	255356	1.094	ppbv		99
59) m/p-Xylene	12.346	91	842437	4.076	ppbv		96
60) o-Xylene	13.063	91	357735	1.799	ppbv		99
62) Isopropylbenzene	14.031	105	36550m	0.128	ppbv		
64) n-propylbenzene	14.918	120	27392m	0.388	ppbv		
72) 4-Ethyltoluene	15.198	105	150276	0.684	ppbv		98
73) 1,3,5-Trimethylbenzene	15.362	105	125508m	0.613	ppbv		
74) 1,2,4-Trimethylbenzene	16.114	105	472130	2.101	ppbv	#	68

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

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