

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080923\
 Data File : VL040611.D
 Acq On : 9 Aug 2023 18:38
 Operator : SY/MD
 Sample : 03907-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023

Quant Time: Aug 10 01:31:04 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 10 2023

QLast Update : Mon Jul 10 16:32:00 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.192	49	1021113	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.655	114	2632451	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2347689	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.790	95	1855382	9.986	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.900%
Target Compounds						
					Qvalue	
7) Chloroethane	3.192	64	2665m	0.113	ppbv	
9) Propene	2.684	41	1102798	19.903	ppbv	96
10) Heptane	7.587	43	55756	0.456	ppbv	91
11) Trichlorofluoromethane	3.558	101	121320	0.736	ppbv	91
13) Ethanol	3.250	45	17615m	1.461	ppbv	
15) Acetone	3.472	43	307703m	2.618	ppbv	
17) tert-Butyl alcohol	3.896	59	33070	0.272	ppbv #	83
20) Methylene Chloride	3.928	84	468711	9.375	ppbv	97
26) Hexane	5.214	57	478606	4.604	ppbv #	39
27) Carbon Disulfide	4.124	76	66375	0.543	ppbv #	93
28) Methyl tert-Butyl Ether	4.597	73	38267	0.457	ppbv	94
29) Chloroform	5.275	83	62726	0.364	ppbv	98
30) Cyclohexane	6.603	84	18742	0.217	ppbv #	76
34) 2-Butanone	4.800	43	87942	0.676	ppbv	97
36) Benzene	6.369	78	67649	0.319	ppbv	96
38) Trichloroethene	7.298	130	44034m	0.550	ppbv	
44) 2,2,4-Trimethylpentane	7.333	57	475096	1.394	ppbv #	79
50) 4-Methyl-2-Pentanone	8.205	43	141337m	0.748	ppbv	
51) 2-Hexanone	9.594	43	16997m	0.127	ppbv	
52) Tetrachloroethene	10.626	164	285953	4.169	ppbv	98
53) Toluene	9.230	91	650573	2.828	ppbv	100
58) Ethyl Benzene	12.095	91	51971m	0.176	ppbv	
59) m/p-Xylene	12.359	91	129103m	0.491	ppbv	
60) o-Xylene	13.069	91	45744	0.183	ppbv	99

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

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