

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011624\
 Data File : VL040987.D
 Acq On : 16 Jan 2024 15:12
 Operator : SY/MD
 Sample : P1138-05DL2 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2024
 Supervised By :Mahesh Dadoda 01/17/2024

Quant Time: Jan 17 00:26:34 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Jan 17 00:20:56 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1049366	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	3152274	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2784542	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.790 95 2109174 10.283 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.800%

Target Compounds

						Qvalue
9) Propene	2.690	41	216611	4.157	ppbv	94
10) Heptane	7.590	43	579329	4.473	ppbv	97
13) Ethanol	3.234	45	1042444	79.306	ppbv	100
16) 1,3-Butadiene	2.964	39	113682m	2.098	ppbv	
20) Methylene Chloride	3.935	84	51402	1.146	ppbv	92
25) Ethyl Acetate	5.218	43	552688	2.534	ppbv #	77
26) Hexane	5.218	57	783842	8.110	ppbv #	41
30) Cyclohexane	6.610	84	247351	3.070	ppbv	90
36) Benzene	6.378	78	1063505	4.316	ppbv	97
44) 2,2,4-Trimethylpentane	7.336	57	1166556	2.787	ppbv #	84
53) Toluene	9.234	91	3348924	12.256	ppbv	99
58) Ethyl Benzene	12.102	91	957723	2.678	ppbv	96
59) m/p-Xylene	12.352	91	2407849	7.915	ppbv #	100
60) o-Xylene	13.069	91	925303	3.228	ppbv	99
61) Styrene	12.918	104	27457m	0.202	ppbv	
62) Isopropylbenzene	14.040	105	194786	0.458	ppbv	98
64) n-propylbenzene	14.934	120	39532	0.371	ppbv #	62
65) tert-Butylbenzene	16.121	119	75545m	0.209	ppbv	
72) 4-Ethyltoluene	15.208	105	262629	0.835	ppbv	99
73) 1,3,5-Trimethylbenzene	15.362	105	210253	0.774	ppbv	95
74) 1,2,4-Trimethylbenzene	16.121	105	745139	2.466	ppbv #	68

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

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