

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011624\
 Data File : VL040986.D
 Acq On : 16 Jan 2024 14:34
 Operator : SY/MD
 Sample : P1138-05DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

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

Quant Time: Jan 17 00:26:02 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	1055545	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	3138326	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2849907	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.790	95	2192244	10.443	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.400%
Target Compounds						
					Qvalue	
9) Propene	2.690	41	470834	8.984	ppbv	99
10) Heptane	7.594	43	1237790	9.501	ppbv	97
13) Ethanol	3.237	45	2379506	179.965	ppbv	96
16) 1,3-Butadiene	2.967	39	251900m	4.621	ppbv	
20) Methylene Chloride	3.938	84	85875	1.903	ppbv #	92
25) Ethyl Acetate	5.221	43	1245344	5.677	ppbv #	77
26) Hexane	5.224	57	1786704	18.379	ppbv #	40
30) Cyclohexane	6.616	84	540973	6.675	ppbv	97
36) Benzene	6.381	78	2224067	9.066	ppbv	99
44) 2,2,4-Trimethylpentane	7.340	57	2495270	5.988	ppbv #	84
53) Toluene	9.237	91	6841145	25.148	ppbv	98
58) Ethyl Benzene	12.105	91	2116238	5.781	ppbv	99
59) m/p-Xylene	12.359	91	5195564	16.687	ppbv #	100
60) o-Xylene	13.073	91	2078979	7.087	ppbv	98
61) Styrene	12.915	104	66011m	0.473	ppbv	
62) Isopropylbenzene	14.040	105	442144	1.016	ppbv	98
64) n-propylbenzene	14.934	120	104224	0.955	ppbv	91
65) tert-Butylbenzene	16.117	119	181651	0.491	ppbv #	59
70) n-Butylbenzene	17.908	91	100995m	0.233	ppbv	
72) 4-Ethyltoluene	15.204	105	618504	1.921	ppbv	98
73) 1,3,5-Trimethylbenzene	15.365	105	481290	1.732	ppbv	99
74) 1,2,4-Trimethylbenzene	16.121	105	1721924	5.568	ppbv #	70
79) Naphthalene	21.410	128	25702m	0.172	ppbv	

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

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