

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
 Data File : VL041637.D
 Acq On : 10 Oct 2024 11:32
 Operator : SY/MD
 Sample : P4339-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024

Quant Time: Oct 11 05:38:17 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M

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

QLast Update : Tue Sep 17 09:12:21 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.176	49	1303223	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	3472219	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	3176144	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	2446096	10.462	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.600%
Target Compounds						
					Qvalue	
4) Chloromethane	2.790	50	38310	0.441	ppbv #	88
9) Propene	2.671	41	5527370	82.900	ppbv	95
10) Heptane	7.568	43	1089022	6.976	ppbv	97
13) Ethanol	3.214	45	372423	74.297	ppbv	94
15) Acetone	3.439	43	6178459	37.763	ppbv	92
16) 1,3-Butadiene	2.944	39	2707712	34.025	ppbv #	33
17) tert-Butyl alcohol	3.857	59	656633	4.563	ppbv	98
20) Methylene Chloride	3.912	84	290643	4.729	ppbv	96
26) Hexane	5.195	57	797652	6.512	ppbv #	38
27) Carbon Disulfide	4.105	76	269275	2.068	ppbv	98
30) Cyclohexane	6.594	84	66473m	0.704	ppbv	
34) 2-Butanone	4.764	43	1757184	10.613	ppbv	100
36) Benzene	6.352	78	859066	3.563	ppbv	98
41) Tetrahydrofuran	5.542	42	57150m	0.627	ppbv	
44) 2,2,4-Trimethylpentane	7.311	57	232580	0.557	ppbv #	35
50) 4-Methyl-2-Pentanone	8.169	43	408199	1.597	ppbv	99
51) 2-Hexanone	9.532	43	245732	1.271	ppbv #	80
52) Tetrachloroethene	10.603	164	269711	3.089	ppbv	97
53) Toluene	9.208	91	3481030	13.599	ppbv	99
58) Ethyl Benzene	12.076	91	1299930	3.823	ppbv	96
59) m/p-Xylene	12.333	91	3323256	10.982	ppbv	96
60) o-Xylene	13.043	91	919710	3.170	ppbv	99
61) Styrene	12.883	104	17683m	0.146	ppbv	
72) 4-Ethyltoluene	15.182	105	213704	0.630	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.339	105	95126	0.318	ppbv	89
74) 1,2,4-Trimethylbenzene	16.092	105	416217	1.187	ppbv #	67
79) Naphthalene	21.371	128	41934m	0.163	ppbv	
80) Naphthalene,2-methyl-	24.355	142	33961	0.188	ppbv	95

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

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