

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081924\
 Data File : VL041556.D
 Acq On : 19 Aug 2024 20:53
 Operator : SY/MD
 Sample : P3659-02 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVI

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/20/2024
 Supervised By :Mahesh Dadoda 08/20/2024

Quant Time: Aug 20 02:23:41 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

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

QLast Update : Tue Aug 20 02:10:04 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	976168	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2621237	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.484	117	2446949	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	1880836	9.988	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.900%
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.693	51	17342m	0.149	ppbv	
9) Propene	2.713	41	33202	0.622	ppbv	96
10) Heptane	7.600	43	42229m	0.352	ppbv	
13) Ethanol	3.269	45	20340	4.263	ppbv	88
15) Acetone	3.488	43	448990	4.048	ppbv #	77
20) Methylene Chloride	3.951	84	337577	8.162	ppbv	96
25) Ethyl Acetate	5.227	43	386721	1.755	ppbv #	78
26) Hexane	5.230	57	543159	5.942	ppbv #	35
27) Carbon Disulfide	4.140	76	12390m	0.116	ppbv	
28) Methyl tert-Butyl Ether	4.616	73	12454	0.216	ppbv	91
29) Chloroform	5.291	83	45487	0.305	ppbv	100
34) 2-Butanone	4.809	43	563907	4.447	ppbv	98
35) Carbon Tetrachloride	6.510	117	4532m	0.031	ppbv	
36) Benzene	6.391	78	34604m	0.181	ppbv	
38) Trichloroethene	7.307	130	18240m	0.208	ppbv	
41) Tetrahydrofuran	5.600	42	24832m	0.342	ppbv	
51) 2-Hexanone	9.577	43	124256	0.821	ppbv #	99
52) Tetrachloroethene	10.642	164	7818625	105.645	ppbv	96
53) Toluene	9.237	91	403587	1.892	ppbv	99
58) Ethyl Benzene	12.108	91	182703m	0.648	ppbv	
59) m/p-Xylene	12.359	91	712587	2.927	ppbv	97
60) o-Xylene	13.076	91	259588	1.127	ppbv	98
64) n-propylbenzene	14.928	120	16805m	0.184	ppbv	
65) tert-Butylbenzene	16.117	119	51408	0.163	ppbv #	73
72) 4-Ethyltoluene	15.204	105	129555	0.478	ppbv	98
73) 1,3,5-Trimethylbenzene	15.359	105	93730m	0.401	ppbv	
74) 1,2,4-Trimethylbenzene	16.121	105	414176	1.525	ppbv #	70
79) Naphthalene	21.403	128	37470m	0.156	ppbv	

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

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