

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082224\
 Data File : VL041585.D
 Acq On : 22 Aug 2024 13:34
 Operator : SY/MD
 Sample : P3710-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CD132

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024
 Supervised By :Mahesh Dadoda 08/23/2024

Quant Time: Aug 23 01:31:48 2024

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 23 01:15:26 2024

QLast Update : Fri Aug 23 01:15:26 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	949483	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2431174	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2277689	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1788253	10.202	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.748	85	39442	0.241	ppbv	98
4) Chloromethane	2.832	50	45890	0.763	ppbv	96
9) Propene	2.722	41	115695	2.228	ppbv #	73
10) Heptane	7.571	43	21504m	0.184	ppbv	
11) Trichlorofluoromethane	3.578	101	37872	0.261	ppbv #	76
13) Ethanol	3.253	45	3057353	658.789	ppbv	98
15) Acetone	3.475	43	5572109	51.651	ppbv	100
17) tert-Butyl alcohol	3.899	59	47660m	0.484	ppbv	
19) Isopropyl Alcohol	3.590	45	2800385	44.401	ppbv	99
20) Methylene Chloride	3.944	84	88628	2.203	ppbv	93
25) Ethyl Acetate	5.201	43	430640	2.009	ppbv #	82
26) Hexane	5.211	57	50397m	0.567	ppbv	
29) Chloroform	5.275	83	53096	0.366	ppbv	98
34) 2-Butanone	4.790	43	225638	1.919	ppbv	99
35) Carbon Tetrachloride	6.494	117	9002m	0.067	ppbv	
36) Benzene	6.368	78	39398	0.222	ppbv #	91
37) 1,2-Dichloroethane	5.806	62	181265	1.823	ppbv	99
44) 2,2,4-Trimethylpentane	7.323	57	122767	0.414	ppbv #	80
52) Tetrachloroethene	10.609	164	143500	2.091	ppbv	99
53) Toluene	9.214	91	1428041	7.217	ppbv	100
58) Ethyl Benzene	12.076	91	69080	0.263	ppbv	98
59) m/p-Xylene	12.336	91	156116m	0.689	ppbv	
60) o-Xylene	13.043	91	59936m	0.280	ppbv	
61) Styrene	12.883	104	54251m	0.561	ppbv	
69) p-Isopropyltoluene	16.979	119	33952m	0.101	ppbv	
74) 1,2,4-Trimethylbenzene	16.101	105	35536m	0.141	ppbv	
79) Naphthalene	21.368	128	25153m	0.113	ppbv	

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

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