

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082124\
 Data File : VL041572.D
 Acq On : 21 Aug 2024 18:20
 Operator : SY/MD
 Sample : P3709-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

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

Quant Time: Aug 22 01:14:33 2024

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 22 01:14:33 2024

QLast Update : Thu Aug 22 01:05:17 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	966897	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2526918	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.461	117	2387352	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1843397	10.034	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.300%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.748	85	17099	0.103	ppbv	91
3) Chlorodifluoromethane	2.693	51	17316m	0.150	ppbv	
9) Propene	2.726	41	51954	0.983	ppbv #	73
10) Heptane	5.577	43	16558m	0.139	ppbv	
13) Ethanol	3.262	45	88475	18.721	ppbv	89
15) Acetone	3.484	43	300104	2.732	ppbv #	77
18) 1,1-Dichloroethene	3.893	96	6976m	0.153	ppbv	
20) Methylene Chloride	3.947	84	131478	3.209	ppbv	98
23) Vinyl Acetate	4.635	43	106942	1.275	ppbv #	93
26) Hexane	5.221	57	261146	2.884	ppbv #	34
27) Carbon Disulfide	4.140	76	14178m	0.134	ppbv	
29) Chloroform	5.278	83	223996	1.517	ppbv	94
31) cis-1,2-Dichloroethene	5.086	61	25600	0.286	ppbv	94
34) 2-Butanone	4.799	43	211175	1.728	ppbv	95
36) Benzene	6.372	78	22581	0.122	ppbv #	93
38) Trichloroethene	7.288	130	28786m	0.340	ppbv	
51) 2-Hexanone	9.558	43	81799m	0.561	ppbv	
52) Tetrachloroethene	10.609	164	618412	8.668	ppbv	99
53) Toluene	9.220	91	199929	0.972	ppbv	100
58) Ethyl Benzene	12.085	91	80222	0.292	ppbv	97
59) m/p-Xylene	12.336	91	359857m	1.515	ppbv	
60) o-Xylene	13.056	91	149475	0.665	ppbv	100
65) tert-Butylbenzene	16.095	119	33236	0.108	ppbv #	64
72) 4-Ethyltoluene	15.188	105	64177m	0.243	ppbv	
73) 1,3,5-Trimethylbenzene	15.346	105	44688m	0.196	ppbv	
74) 1,2,4-Trimethylbenzene	16.095	105	241406m	0.911	ppbv	

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

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