

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091824\
 Data File : VL041608.D
 Acq On : 18 Sep 2024 15:43
 Operator : SY/MD
 Sample : P4028-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2024
 Supervised By :Mahesh Dadoda 09/19/2024

Quant Time: Sep 19 01:34:13 2024

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri 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		5.192	49	1181339	10.000	ppbv	0.02
33) 1,4-Difluorobenzene		6.652	114	3105157	10.000	ppbv	0.02
55) Chlorobenzene-d5		11.465	117	2822973	10.000	ppbv	0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene		13.773	95	2133729	10.268	ppbv	0.02
Spiked Amount		10.000	Range	65 - 135	Recovery	= 102.700%	
Target Compounds		Qvalue					
2) Dichlorodifluoromethane		2.742	85	16237m	0.095	ppbv	
4) Chloromethane		2.819	50	8976	0.114	ppbv	99
9) Propene		2.703	41	93206	1.542	ppbv	93
10) Heptane		7.571	43	29222m	0.207	ppbv	
13) Ethanol		3.256	45	22551m	4.963	ppbv	
15) Acetone		3.478	43	360079	2.428	ppbv #	83
20) Methylene Chloride		3.935	84	59854	1.074	ppbv #	91
23) Vinyl Acetate		4.629	43	913960m	11.204	ppbv	
26) Hexane		5.214	57	283772	2.556	ppbv #	32
27) Carbon Disulfide		4.128	76	17073m	0.145	ppbv	
34) 2-Butanone		4.800	43	159186	1.075	ppbv	94
36) Benzene		6.369	78	30486	0.141	ppbv #	88
41) Tetrahydrofuran		5.584	42	28325m	0.348	ppbv	
51) 2-Hexanone		9.558	43	49142	0.284	ppbv #	86
52) Tetrachloroethene		10.610	164	17870m	0.229	ppbv	
53) Toluene		9.221	91	227784	0.995	ppbv	99
58) Ethyl Benzene		12.089	91	34750m	0.115	ppbv	
59) m/p-Xylene		12.339	91	98695m	0.367	ppbv	
60) o-Xylene		13.053	91	52885	0.205	ppbv	99
74) 1,2,4-Trimethylbenzene		16.101	105	93249m	0.299	ppbv	

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

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