

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091824\
 Data File : VL041606.D
 Acq On : 18 Sep 2024 14:23
 Operator : SY/MD
 Sample : P4028-02DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

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

Quant Time: Sep 19 01:33:12 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	5.192	49	1043004	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.651	114	2822374	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.462	117	2293493	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1683058	9.969	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.700%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.738	85	32050	0.213	ppbv	89
3) Chlorodifluoromethane	2.684	51	41525m	0.328	ppbv	
4) Chloromethane	2.819	50	33774	0.485	ppbv	100
9) Propene	2.703	41	64942	1.217	ppbv	88
10) Heptane	7.581	43	19261	0.154	ppbv #	84
11) Trichlorofluoromethane	3.562	101	34484m	0.215	ppbv	
13) Ethanol	3.240	45	1577092	393.119	ppbv	95
15) Acetone	3.472	43	698929	5.338	ppbv	95
19) Isopropyl Alcohol	3.578	45	264623	3.948	ppbv #	98
20) Methylene Chloride	3.935	84	109729	2.231	ppbv	99
26) Hexane	5.214	57	90515	0.923	ppbv #	57
34) 2-Butanone	4.790	43	79658	0.592	ppbv	94
35) Carbon Tetrachloride	6.487	117	9127m	0.066	ppbv	
36) Benzene	6.365	78	86709	0.442	ppbv #	89
44) 2,2,4-Trimethylpentane	7.327	57	73313m	0.216	ppbv	
52) Tetrachloroethene	10.613	164	3447m	0.049	ppbv	
53) Toluene	9.217	91	406933	1.956	ppbv	99
58) Ethyl Benzene	12.085	91	34289	0.140	ppbv	93
59) m/p-Xylene	12.343	91	121273m	0.555	ppbv	
60) o-Xylene	13.056	91	57078m	0.272	ppbv	
61) Styrene	12.880	104	12760m	0.146	ppbv	
64) n-propylbenzene	14.902	120	10402m	0.127	ppbv	
72) 4-Ethyltoluene	15.188	105	47859	0.195	ppbv #	85
73) 1,3,5-Trimethylbenzene	15.346	105	46456	0.215	ppbv	95
74) 1,2,4-Trimethylbenzene	16.101	105	202844m	0.801	ppbv	

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

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