

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101722\
 Data File : VL039728.D
 Acq On : 17 Oct 2022 20:39
 Operator : SY/AP
 Sample : N5169-02 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/18/2022
 Supervised By :Mahesh Dadoda 10/19/2022

Quant Time: Oct 18 05:29:37 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 12

QLast Update : Tue Oct 18 05:23:57 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.227	49	1161243	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.684	114	3023253	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.497	117	2712370	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.803	95	2071029	10.228	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.768	85	30500	0.227	ppbv	100
4) Chloromethane	2.851	50	21487	0.258	ppbv #	82
9) Propene	2.732	41	916602	14.563	ppbv	96
10) Heptane	7.610	43	165781m	1.129	ppbv	
13) Ethanol	3.282	45	65469m	13.652	ppbv	
15) Acetone	3.504	43	3578164	27.691	ppbv	96
17) tert-Butyl alcohol	3.928	59	59654	0.514	ppbv #	86
19) Isopropyl Alcohol	3.620	45	69256m	1.051	ppbv	
20) Methylene Chloride	3.970	84	37409	0.626	ppbv	92
26) Hexane	5.250	57	278338	2.328	ppbv #	39
27) Carbon Disulfide	4.160	76	77304	0.615	ppbv #	79
30) Cyclohexane	6.636	84	56518m	0.610	ppbv	
32) 1,1,1-Trichloroethane	6.041	97	42166	0.270	ppbv #	87
34) 2-Butanone	4.829	43	369065	2.485	ppbv	97
35) Carbon Tetrachloride	6.533	117	5002m	0.031	ppbv	
36) Benzene	6.401	78	189586	0.820	ppbv	95
44) 2,2,4-Trimethylpentane	7.356	57	94104m	0.236	ppbv	
52) Tetrachloroethene	10.642	164	87986m	0.998	ppbv	
53) Toluene	9.250	91	476920	1.855	ppbv	100
58) Ethyl Benzene	12.118	91	169234	0.541	ppbv	95
59) m/p-Xylene	12.372	91	568682	2.043	ppbv	97
60) o-Xylene	13.092	91	202434m	0.762	ppbv	
64) n-propylbenzene	14.944	120	23378m	0.228	ppbv	
72) 4-Ethyltoluene	15.220	105	146144m	0.482	ppbv	
73) 1,3,5-Trimethylbenzene	15.381	105	119483m	0.430	ppbv	
74) 1,2,4-Trimethylbenzene	16.134	105	431109	1.385	ppbv #	73
79) Naphthalene	21.407	128	28205m	0.137	ppbv	

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

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