

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060622\
 Data File : VL039198.D
 Acq On : 7 Jun 2022 00:01
 Operator : SY/AP
 Sample : N3110-09 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-5

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/07/2022
 Supervised By : Mahesh Dadoda 06/07/2022

Quant Time: Jun 07 03:21:24 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 07 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.661	49	1234485	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.169	114	3358670	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.073	117	2998462	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.404	95	2338697	9.434	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.047	85	36081m	0.166	ppbv	
3) Chlorodifluoromethane	2.989	51	25137m	0.160	ppbv	
4) Chloromethane	3.140	50	13491	0.167	ppbv #	84
9) Propene	3.018	41	18040m	0.263	ppbv	
10) Heptane	8.111	43	47142	0.295	ppbv	86
11) Trichlorofluoromethane	3.951	101	25233	0.129	ppbv	93
13) Ethanol	3.600	45	243090	65.082	ppbv #	100
15) Acetone	3.845	43	1081971	8.414	ppbv	92
17) tert-Butyl alcohol	4.292	59	53663	0.538	ppbv #	92
19) Isopropyl Alcohol	3.964	45	28440m	0.472	ppbv	
20) Methylene Chloride	4.340	84	852319	15.728	ppbv	94
26) Hexane	5.681	57	1706079	13.395	ppbv #	38
29) Chloroform	5.748	83	41667m	0.194	ppbv	
30) Cyclohexane	7.124	84	15269m	0.143	ppbv	
34) 2-Butanone	5.237	43	303846	1.665	ppbv	94
36) Benzene	6.883	78	33989m	0.125	ppbv	
44) 2,2,4-Trimethylpentane	7.857	57	51706m	0.108	ppbv	
51) 2-Hexanone	10.137	43	116888m	0.550	ppbv	
52) Tetrachloroethene	11.211	164	193724	1.820	ppbv	94
53) Toluene	9.796	91	371253	1.182	ppbv	97
58) Ethyl Benzene	12.696	91	262821	0.636	ppbv	100
59) m/p-Xylene	12.957	91	932987	2.565	ppbv	91
60) o-Xylene	13.677	91	436812	1.278	ppbv	98
61) Styrene	13.516	104	36833m	0.201	ppbv	
64) n-propylbenzene	15.539	120	39379m	0.315	ppbv	
70) n-Butylbenzene	18.535	91	118944m	0.217	ppbv	
72) 4-Ethyltoluene	15.822	105	254692	0.636	ppbv	98
73) 1,3,5-Trimethylbenzene	15.982	105	247501m	0.685	ppbv	
74) 1,2,4-Trimethylbenzene	16.748	105	962317	2.387	ppbv #	64
79) Naphthalene	22.181	128	82037m	0.264	ppbv	

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

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