

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061422\
 Data File : VL039288.D
 Acq On : 14 Jun 2022 20:06
 Operator : SY/AP
 Sample : N3306-04 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-2

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/16/2022
 Supervised By : Mahesh Dadoda 06/16/2022

Quant Time: Jun 15 03:20:36 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 15 03:20:36 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	5.674	49	1343970	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.182	114	3775068	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.089	117	3459567	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.416	95	2727895	9.538	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.057	85	23842	0.101	ppbv #	88
4) Chloromethane	3.153	50	17745	0.202	ppbv #	87
9) Propene	3.025	41	178900	2.399	ppbv	88
10) Heptane	8.127	43	246486	1.417	ppbv #	26
12) 1,1,2-Trichlorotrifluo...	4.494	101	23366m	0.165	ppbv	
13) Ethanol	3.610	45	477479	117.420	ppbv #	100
15) Acetone	3.851	43	3129707	22.355	ppbv	99
17) tert-Butyl alcohol	4.301	59	92055	0.848	ppbv	96
19) Isopropyl Alcohol	3.973	45	479855	7.308	ppbv #	1
20) Methylene Chloride	4.353	84	316112	5.358	ppbv	90
26) Hexane	5.693	57	397710	2.868	ppbv #	39
27) Carbon Disulfide	4.558	76	87492	0.609	ppbv #	91
29) Chloroform	5.761	83	35729m	0.153	ppbv	
34) 2-Butanone	5.246	43	1378073	6.719	ppbv	100
36) Benzene	6.899	78	246842	0.805	ppbv	98
41) Tetrahydrofuran	6.053	42	417756	3.387	ppbv	98
44) 2,2,4-Trimethylpentane	7.877	57	9042576	16.866	ppbv	95
50) 4-Methyl-2-Pentanone	8.748	43	339356m	1.105	ppbv	
52) Tetrachloroethene	11.227	164	124323	1.039	ppbv	98
53) Toluene	9.812	91	331991	0.941	ppbv	99
58) Ethyl Benzene	12.712	91	146308	0.307	ppbv	98
59) m/p-Xylene	12.970	91	715679m	1.705	ppbv	
60) o-Xylene	13.696	91	327201m	0.830	ppbv	
65) tert-Butylbenzene	16.760	119	69546m	0.130	ppbv	
72) 4-Ethyltoluene	15.838	105	186276	0.403	ppbv #	92
73) 1,3,5-Trimethylbenzene	15.998	105	193665m	0.465	ppbv	
74) 1,2,4-Trimethylbenzene	16.760	105	620143	1.333	ppbv #	65
79) Naphthalene	22.194	128	57633m	0.161	ppbv	

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

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