

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031722\
 Data File : VL038629.D
 Acq On : 17 Mar 2022 16:54
 Operator : SY/AP
 Sample : N1976-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2A

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 03/19/2022
 Supervised By :Mahesh Dadoda 03/21/2022

Quant Time: Mar 18 03:34:48 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 21:18:44 2022

QLast Update : Tue Mar 08 21:18:44 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							03/19/2022 Supervised By :Mahesh Dadoda
1) Bromochloromethane	5.674	49	875622	10.000	ppbv	0.02	
33) 1,4-Difluorobenzene	7.182	114	2210770	10.000	ppbv	0.02	
55) Chlorobenzene-d5	12.089	117	1905109	10.000	ppbv	# 0.02	
System Monitoring Compounds							03/21/2022
68) 1-Bromo-4-Fluorobenzene	14.420	95	1360168	9.391	ppbv	0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.900%	
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.057	85	19787	0.150	ppbv	97	
3) Chlorodifluoromethane	2.999	51	1108570	7.180	ppbv	97	
4) Chloromethane	3.150	50	30582	0.534	ppbv	94	
9) Propene	3.031	41	865638m	15.889	ppbv		
10) Heptane	8.130	43	37672m	0.289	ppbv		
11) Trichlorofluoromethane	3.957	101	23380	0.202	ppbv	95	
13) Ethanol	3.626	45	11417951	1824.468	ppbv	96	
15) Acetone	3.854	43	432815	7.008	ppbv #	70	
19) Isopropyl Alcohol	3.992	45	724966	17.579	ppbv	100	
20) Methylene Chloride	4.353	84	143769	3.868	ppbv	97	
26) Hexane	5.697	57	291984	2.989	ppbv #	65	
30) Cyclohexane	7.137	84	26834m	0.318	ppbv		
34) 2-Butanone	5.250	43	61043	1.065	ppbv	93	
35) Carbon Tetrachloride	7.024	117	10619m	0.070	ppbv		
36) Benzene	6.896	78	135045	0.677	ppbv	97	
38) Trichloroethene	7.835	130	2962m	0.037	ppbv		
44) 2,2,4-Trimethylpentane	7.873	57	84923	0.252	ppbv #	75	
52) Tetrachloroethene	11.233	164	4093m	0.056	ppbv		
53) Toluene	9.812	91	853369	4.007	ppbv	99	
58) Ethyl Benzene	12.716	91	42798	0.174	ppbv	93	
59) m/p-Xylene	12.970	91	141428m	0.670	ppbv		
60) o-Xylene	13.696	91	46936	0.235	ppbv	100	
61) Styrene	13.535	104	10678m	0.109	ppbv		
69) p-Isopropyltoluene	17.654	119	29497	0.102	ppbv #	88	
74) 1,2,4-Trimethylbenzene	16.767	105	39920m	0.176	ppbv		

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

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