

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\
 Data File : VL040036.D
 Acq On : 19 Dec 2022 20:12
 Operator : SY/MD
 Sample : N5971-05
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022

Quant Time: Dec 20 05:15:20 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 12 2022

QLast Update : Tue Dec 20 04:50:21 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.169	49	1016928	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	2683958	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.442	117	2373299	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	1882274	10.383	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.800%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.710	85	43651	0.229	ppbv	89
3) Chlorodifluoromethane	2.655	51	44839m	0.299	ppbv	
4) Chloromethane	2.793	50	66087	0.703	ppbv	96
5) Vinyl Chloride	2.896	62	3498m	0.046	ppbv	
6) Bromomethane	3.099	94	13711	0.491	ppbv	84
7) Chloroethane	3.179	64	3821	0.133	ppbv	90
9) Propene	2.684	41	1200053m	18.847	ppbv	
10) Heptane	7.562	43	208941	1.344	ppbv	98
11) Trichlorofluoromethane	3.542	101	37325	0.180	ppbv	92
13) Ethanol	3.218	45	2696475	449.946	ppbv	96
15) Acetone	3.443	43	5523351m	35.111	ppbv	
17) tert-Butyl alcohol	3.870	59	112737	0.727	ppbv #	72
19) Isopropyl Alcohol	3.562	45	215911m	2.785	ppbv	
20) Methylene Chloride	3.912	84	1027868	15.372	ppbv	97
26) Hexane	5.192	57	872067	7.616	ppbv #	37
27) Carbon Disulfide	4.105	76	66753	0.462	ppbv #	97
29) Chloroform	5.256	83	21930	0.126	ppbv	84
30) Cyclohexane	6.578	84	334353	3.297	ppbv	94
34) 2-Butanone	4.767	43	90135	0.619	ppbv	94
35) Carbon Tetrachloride	6.475	117	8703m	0.052	ppbv	
36) Benzene	6.349	78	349245	1.457	ppbv	97
52) Tetrachloroethene	10.594	164	4079m	0.050	ppbv	
53) Toluene	9.198	91	613650	2.312	ppbv	100
58) Ethyl Benzene	12.066	91	105447	0.313	ppbv	95
59) m/p-Xylene	12.327	91	312929	1.065	ppbv	97
60) o-Xylene	13.040	91	170505	0.606	ppbv	97
61) Styrene	12.880	104	75952	0.503	ppbv	98
62) Isopropylbenzene	14.008	105	41431	0.102	ppbv	95
73) 1,3,5-Trimethylbenzene	15.333	105	41666m	0.148	ppbv	
74) 1,2,4-Trimethylbenzene	16.095	105	85091m	0.274	ppbv	

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

