

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\
 Data File : VL040038.D
 Acq On : 19 Dec 2022 21:30
 Operator : SY/MD
 Sample : N5971-06
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-3

Manual Integrations
 APPROVED

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

Quant Time: Dec 20 05:16:16 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri 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	1031267	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	2764287	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.446	117	2426145	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.758	95	1892231	10.210	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.710	85	47798	0.248	ppbv	97
3) Chlorodifluoromethane	2.658	51	56144m	0.369	ppbv	
4) Chloromethane	2.793	50	50418	0.529	ppbv #	84
6) Bromomethane	3.099	94	4248m	0.150	ppbv	
9) Propene	2.684	41	645615m	9.998	ppbv	
10) Heptane	7.555	43	215169	1.365	ppbv	99
11) Trichlorofluoromethane	3.539	101	36503m	0.174	ppbv	
13) Ethanol	3.227	45	10932615	1798.902	ppbv	91
15) Acetone	3.443	43	4427347	27.752	ppbv #	87
17) tert-Butyl alcohol	3.880	59	94113	0.598	ppbv #	72
19) Isopropyl Alcohol	3.568	45	344247	4.379	ppbv #	1
20) Methylene Chloride	3.912	84	465334	6.862	ppbv	99
26) Hexane	5.192	57	554111	4.772	ppbv #	41
27) Carbon Disulfide	4.102	76	671565	4.585	ppbv	99
30) Cyclohexane	6.581	84	339265	3.299	ppbv	94
34) 2-Butanone	4.768	43	149246	0.995	ppbv	96
35) Carbon Tetrachloride	6.475	117	8356m	0.049	ppbv	
36) Benzene	6.346	78	654389	2.651	ppbv	99
52) Tetrachloroethene	10.590	164	3367m	0.040	ppbv	
53) Toluene	9.198	91	1496513	5.475	ppbv	99
58) Ethyl Benzene	12.066	91	903848	2.622	ppbv	100
59) m/p-Xylene	12.323	91	813831	2.710	ppbv	97
60) o-Xylene	13.037	91	485290	1.687	ppbv	99
61) Styrene	12.877	104	107546	0.697	ppbv	98
62) Isopropylbenzene	14.008	105	148723	0.359	ppbv	100
64) n-propylbenzene	14.893	120	15262m	0.146	ppbv	
72) 4-Ethyltoluene	15.172	105	101243	0.317	ppbv #	96
73) 1,3,5-Trimethylbenzene	15.333	105	83645	0.290	ppbv	90
74) 1,2,4-Trimethylbenzene	16.085	105	127424	0.401	ppbv #	63

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

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