

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\
 Data File : VL040042.D
 Acq On : 20 Dec 2022 00:07
 Operator : SY/MD
 Sample : N5971-11
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-2

Manual Integrations
 APPROVED

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

Quant Time: Dec 20 05:17:54 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 19 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	960689	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	2558110	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.449	117	2420641	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	1857532	10.046	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.500%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.706	85	57775	0.321	ppbv	93
3) Chlorodifluoromethane	2.652	51	47370m	0.334	ppbv	
4) Chloromethane	2.787	50	55825	0.629	ppbv #	85
6) Bromomethane	3.092	94	4627	0.175	ppbv	83
9) Propene	2.674	41	866367	14.403	ppbv	83
10) Heptane	7.568	43	9814948	66.853	ppbv	93
11) Trichlorofluoromethane	3.536	101	35819	0.183	ppbv	98
13) Ethanol	3.214	45	2773417	489.877	ppbv	94
15) Acetone	3.439	43	19140008	128.791	ppbv #	63
17) tert-Butyl alcohol	3.864	59	75562	0.516	ppbv #	72
19) Isopropyl Alcohol	3.555	45	416694	5.689	ppbv #	94
20) Methylene Chloride	3.912	84	95822	1.517	ppbv	99
26) Hexane	5.185	57	570530	5.274	ppbv #	38
27) Carbon Disulfide	4.099	76	97319	0.713	ppbv	98
28) Methyl tert-Butyl Ether	4.558	73	718794	5.638	ppbv	98
29) Chloroform	5.256	83	21326m	0.129	ppbv	
30) Cyclohexane	6.578	84	2133300	22.268	ppbv	92
34) 2-Butanone	4.764	43	77926	0.562	ppbv	92
35) Carbon Tetrachloride	6.472	117	9634m	0.061	ppbv	
36) Benzene	6.346	78	815927	3.571	ppbv	100
41) Tetrahydrofuran	5.549	42	18434m	0.213	ppbv	
52) Tetrachloroethene	10.603	164	3194m	0.041	ppbv	
53) Toluene	9.230	91	32298277	127.687	ppbv #	69
58) Ethyl Benzene	12.073	91	1498057	4.356	ppbv	99
59) m/p-Xylene	12.323	91	4213175	14.062	ppbv	95
60) o-Xylene	13.037	91	2138975	7.452	ppbv	99
61) Styrene	12.883	104	105832	0.687	ppbv	98
62) Isopropylbenzene	14.011	105	194608	0.470	ppbv	100
64) n-propylbenzene	14.899	120	33619	0.322	ppbv	83
72) 4-Ethyltoluene	15.172	105	112152	0.352	ppbv #	94
73) 1,3,5-Trimethylbenzene	15.333	105	222153	0.773	ppbv	93
74) 1,2,4-Trimethylbenzene	16.092	105	392964	1.240	ppbv #	64

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

