

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090722\
 Data File : VL039617.D
 Acq On : 7 Sep 2022 13:31
 Operator : SY/AP
 Sample : N4494-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 IA-1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/08/2022
 Supervised By : Mahesh Dadoda 09/08/2022

Quant Time: Sep 08 06:13:00 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081722A

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Fri Aug 26 06:05:16 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.21	49	974444	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	6.66	114	2492307	10.00	ppbv	0.00
55) Chlorobenzene-d5	11.47	117	2224866	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.78	95	1679092	10.00	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	2.75	85	29227	0.225	ppbv	96
3) Chlorodifluoromethane	2.67	51	3209069	27.641	ppbv #	58
4) Chloromethane	2.84	50	36750	0.526	ppbv #	88
9) Propene	2.73	41	113372m	2.134	ppbv	
10) Heptane	7.59	43	61135m	0.497	ppbv	
11) Trichlorofluoromethane	3.58	101	35453m	0.249	ppbv	
12) 1,1,2-Trichlorotrifluoroet	4.09	101	9769m	0.093	ppbv	
13) Ethanol	3.26	45	7437726	1948.149	ppbv	72
15) Acetone	3.48	43	4929400	45.160	ppbv	98
20) Methylene Chloride	3.95	84	85755	1.934	ppbv	93
25) Ethyl Acetate	5.22	43	228500	0.978	ppbv #	96
26) Hexane	5.23	57	77409	0.812	ppbv #	69
27) Carbon Disulfide	4.14	76	10334m	0.101	ppbv	
29) Chloroform	5.29	83	58663	0.393	ppbv	95
34) 2-Butanone	4.81	43	92427	0.746	ppbv	96
35) Carbon Tetrachloride	6.51	117	12129m	0.090	ppbv	
36) Benzene	6.38	78	62336	0.328	ppbv #	91
37) 1,2-Dichloroethane	5.82	62	7847m	0.075	ppbv	
44) 2,2,4-Trimethylpentane	7.33	57	99589m	0.311	ppbv	
50) 4-Methyl-2-Pentanone	8.21	43	17310m	0.090	ppbv	
53) Toluene	9.23	91	292728	1.377	ppbv	99
58) Ethyl Benzene	12.10	91	57894	0.226	ppbv	95
59) m/p-Xylene	12.35	91	170757m	0.745	ppbv	
60) o-Xylene	13.07	91	62439	0.284	ppbv	88
61) Styrene	12.91	104	22759m	0.194	ppbv	
62) Isopropylbenzene	14.03	105	13676m	0.041	ppbv	
73) 1,3,5-Trimethylbenzene	15.35	105	18027m	0.077	ppbv	
74) 1,2,4-Trimethylbenzene	16.12	105	69536m	0.265	ppbv	
76) 1,4-Dichlorobenzene	16.48	146	19178m	0.121	ppbv	

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

