

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090722\
 Data File : VL039618.D
 Acq On : 7 Sep 2022 14:12
 Operator : SY/AP
 Sample : N4494-02DUP
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 IA-1DUP

Manual Integrations
 APPROVED

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

Quant Time: Sep 08 05:44:26 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	5.20	49	917148	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	6.66	114	2330386	10.00	ppbv	0.00
55) Chlorobenzene-d5	11.47	117	2219800	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.78	95	1620422	9.68	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.80%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	2.75	85	20412	0.167	ppbv	95
3) Chlorodifluoromethane	2.67	51	2967018	27.153	ppbv #	58
4) Chloromethane	2.83	50	36150	0.549	ppbv	98
9) Propene	2.73	41	99995m	2.000	ppbv	
10) Heptane	7.58	43	56020m	0.484	ppbv	
11) Trichlorofluoromethane	3.58	101	31383	0.234	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.09	101	8348m	0.084	ppbv	
13) Ethanol	3.27	45	7125379	1982.930	ppbv	71
15) Acetone	3.48	43	4804183	46.762	ppbv	98
20) Methylene Chloride	3.95	84	276228	6.618	ppbv	94
25) Ethyl Acetate	5.22	43	269669	1.227	ppbv	98
26) Hexane	5.23	57	157368	1.754	ppbv #	78
29) Chloroform	5.29	83	58069m	0.414	ppbv	
34) 2-Butanone	4.81	43	93528m	0.807	ppbv	
35) Carbon Tetrachloride	6.50	117	8826	0.070	ppbv	93
36) Benzene	6.38	78	60869	0.343	ppbv	96
44) 2,2,4-Trimethylpentane	7.34	57	91701m	0.306	ppbv	
53) Toluene	9.23	91	281276	1.415	ppbv	99
58) Ethyl Benzene	12.09	91	53892m	0.211	ppbv	
59) m/p-Xylene	12.35	91	154161m	0.674	ppbv	
60) o-Xylene	13.06	91	62888m	0.286	ppbv	
61) Styrene	12.90	104	18582m	0.159	ppbv	
74) 1,2,4-Trimethylbenzene	16.12	105	56041m	0.214	ppbv	

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

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