

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092122\
 Data File : VL039663.D
 Acq On : 22 Sep 2022 10:18
 Operator : SY/AP
 Sample : N4669-14
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PG6

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/28/2022
 Supervised By :Mahesh Dadoda 09/28/2022

Quant Time: Sep 22 11:32:11 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Mon Sep 19 14:26:28 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.227	49	984895	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.684	114	2518262	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.497	117	2335139	10.000	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.809 95 1772942 10.171 ppbv 0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.764	85	25542	0.224	ppbv	93
3) Chlorodifluoromethane	2.710	51	34626	0.296	ppbv	97
4) Chloromethane	2.848	50	46712	0.662	ppbv	90
12) 1,1,2-Trichlorotrifluo...	4.102	101	6808	0.064	ppbv	87
13) Ethanol	3.272	45	267812	65.846	ppbv	71
15) Acetone	3.504	43	1647540m	15.033	ppbv	
20) Methylene Chloride	3.967	84	86716m	1.711	ppbv	
23) Vinyl Acetate	4.658	43	130245	2.629	ppbv #	59
26) Hexane	5.253	57	76996m	0.759	ppbv	
29) Chloroform	5.314	83	51838m	0.354	ppbv	
34) 2-Butanone	4.825	43	199711	1.615	ppbv	98
36) Benzene	6.401	78	45980m	0.239	ppbv	
38) Trichloroethene	7.320	130	219008	2.105	ppbv	98
44) 2,2,4-Trimethylpentane	7.356	57	183642	0.553	ppbv #	87
52) Tetrachloroethene	10.648	164	3517709	47.891	ppbv	97
53) Toluene	9.249	91	286201	1.337	ppbv	99
58) Ethyl Benzene	12.124	91	56790m	0.211	ppbv	
59) m/p-Xylene	12.381	91	224577m	0.937	ppbv	
60) o-Xylene	13.089	91	75683	0.331	ppbv	97
74) 1,2,4-Trimethylbenzene	16.143	105	128144m	0.478	ppbv	

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

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