

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040522\
 Data File : VL038827.D
 Acq On : 6 Apr 2022 10:26
 Operator : SY/AP
 Sample : N2159-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-18DDUP

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/07/2022
 Supervised By : Mahesh Dadoda 04/07/2022

Quant Time: Apr 07 03:12:02 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Apr 06 06:12:53 2022

QLast Update : Wed Apr 06 06:12:53 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.677	49	1403678	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	7.185	114	3629471	10.000	ppbv	0.01
55) Chlorobenzene-d5	12.095	117	3139291	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.420	95	2456606	10.316	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.060	85	47121	0.237	ppbv	100
3) Chlorodifluoromethane	2.999	51	71768m	0.419	ppbv	
4) Chloromethane	3.157	50	47464	0.535	ppbv	100
9) Propene	3.035	41	59145	0.653	ppbv #	74
10) Heptane	8.131	43	46874	0.205	ppbv	98
11) Trichlorofluoromethane	3.961	101	39578m	0.247	ppbv	
13) Ethanol	3.613	45	7131128	1294.681	ppbv #	100
15) Acetone	3.861	43	398479m	2.851	ppbv	
17) tert-Butyl alcohol	4.311	59	32999m	0.263	ppbv	
19) Isopropyl Alcohol	3.980	45	391705	5.484	ppbv #	100
20) Methylene Chloride	4.356	84	136130	2.686	ppbv	85
26) Hexane	5.700	57	440053	2.726	ppbv #	43
27) Carbon Disulfide	4.565	76	89682	0.606	ppbv #	83
29) Chloroform	5.761	83	165032	0.731	ppbv	94
30) Cyclohexane	7.140	84	20943m	0.147	ppbv	
34) 2-Butanone	5.256	43	43131	0.301	ppbv	92
35) Carbon Tetrachloride	7.028	117	18800m	0.086	ppbv	
36) Benzene	6.902	78	79692m	0.241	ppbv	
38) Trichloroethene	7.845	130	197643	1.459	ppbv	94
44) 2,2,4-Trimethylpentane	7.877	57	113876	0.204	ppbv #	83
52) Tetrachloroethene	11.224	164	13347m	0.116	ppbv	
53) Toluene	9.816	91	702790	1.844	ppbv	98
58) Ethyl Benzene	12.716	91	74016m	0.158	ppbv	
59) m/p-Xylene	12.973	91	208884m	0.530	ppbv	
60) o-Xylene	13.696	91	73379	0.199	ppbv	100
69) p-Isopropyltoluene	17.664	119	62428m	0.110	ppbv	
74) 1,2,4-Trimethylbenzene	16.767	105	61315m	0.147	ppbv	

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

Manual Integrations

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