

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052322\
 Data File : VL039109.D
 Acq On : 24 May 2022 7:42
 Operator : SY/AP
 Sample : N2957-05DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/26/2022

Quant Time: May 24 08:47:06 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 26 13:06:51 2022

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.648	49	1185578	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.150	114	3051580	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.057	117	2656049	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.381	95	2088589	9.929	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.300%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.041	85	23773	0.128	ppbv	98
9) Propene	3.012	41	66300m	1.032	ppbv	
10) Heptane	8.095	43	47885	0.304	ppbv	88
13) Ethanol	3.591	45	129946m	28.581	ppbv	
15) Acetone	3.832	43	2504581	22.395	ppbv	97
17) tert-Butyl alcohol	4.288	59	19220m	0.224	ppbv	
19) Isopropyl Alcohol	3.960	45	26859m	0.505	ppbv	
20) Methylene Chloride	4.327	84	102729	2.437	ppbv	97
26) Hexane	5.671	57	165877	1.395	ppbv #	40
27) Carbon Disulfide	4.539	76	38015	0.336	ppbv #	73
29) Chloroform	5.732	83	504879	2.624	ppbv	94
30) Cyclohexane	7.111	84	53689m	0.539	ppbv	
34) 2-Butanone	5.227	43	242080	1.555	ppbv	95
36) Benzene	6.861	78	64314m	0.246	ppbv	
38) Trichloroethene	7.809	130	52738m	0.454	ppbv	
41) Tetrahydrofuran	6.050	42	34324m	0.328	ppbv	
44) 2,2,4-Trimethylpentane	7.838	57	52778m	0.115	ppbv	
51) 2-Hexanone	10.124	43	40311m	0.202	ppbv	
52) Tetrachloroethene	11.195	164	698463	7.484	ppbv	99
53) Toluene	9.777	91	348183	1.190	ppbv	98
58) Ethyl Benzene	12.677	91	112324	0.294	ppbv	96
59) m/p-Xylene	12.938	91	403787m	1.237	ppbv	
60) o-Xylene	13.664	91	171739	0.559	ppbv	95
64) n-propylbenzene	15.529	120	13720m	0.126	ppbv	
72) 4-Ethyltoluene	15.806	105	110924m	0.317	ppbv	
73) 1,3,5-Trimethylbenzene	15.960	105	114663m	0.364	ppbv	
74) 1,2,4-Trimethylbenzene	16.725	105	400455	1.161	ppbv #	66
79) Naphthalene	22.159	128	39987m	0.143	ppbv	

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

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