

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052322\
 Data File : VL039101.D
 Acq On : 24 May 2022 2:23
 Operator : SY/AP
 Sample : N2957-01DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-1DL

Manual Integrations
 APPROVED

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

Quant Time: May 24 06:05:46 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 26 13:04:34 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	5.652	49	1290590	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.153	114	3488254	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.056	117	3072370	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.384	95	2304056	9.469	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.700%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.044	85	80219	0.397	ppbv	93
3) Chlorodifluoromethane	2.976	51	19976m	0.125	ppbv	
4) Chloromethane	3.137	50	10157m	0.127	ppbv	
9) Propene	3.005	41	108281	1.548	ppbv	87
10) Heptane	8.098	43	66601m	0.388	ppbv	
13) Ethanol	3.587	45	58099m	11.739	ppbv	
15) Acetone	3.838	43	1109413	9.113	ppbv	95
17) tert-Butyl alcohol	4.288	59	16044m	0.171	ppbv	
19) Isopropyl Alcohol	3.963	45	22139	0.382	ppbv #	95
20) Methylene Chloride	4.333	84	161133	3.512	ppbv	94
26) Hexane	5.674	57	217522	1.680	ppbv #	38
27) Carbon Disulfide	4.539	76	39757	0.323	ppbv #	89
29) Chloroform	5.735	83	189420	0.904	ppbv	94
30) Cyclohexane	7.105	84	25785m	0.238	ppbv	
34) 2-Butanone	5.230	43	237450m	1.334	ppbv	
36) Benzene	6.870	78	117292	0.393	ppbv #	91
38) Trichloroethene	7.815	130	21980m	0.166	ppbv	
41) Tetrahydrofuran	6.044	42	23946m	0.200	ppbv	
44) 2,2,4-Trimethylpentane	7.854	57	91964m	0.176	ppbv	
50) 4-Methyl-2-Pentanone	8.735	43	56247m	0.180	ppbv	
52) Tetrachloroethene	11.201	164	222985	2.090	ppbv	93
53) Toluene	9.780	91	583186	1.743	ppbv	99
57) Chlorobenzene	12.121	112	58550	0.254	ppbv #	86
58) Ethyl Benzene	12.687	91	164137m	0.371	ppbv	
59) m/p-Xylene	12.937	91	476331	1.262	ppbv	92
60) o-Xylene	13.661	91	205666	0.579	ppbv	99
72) 4-Ethyltoluene	15.809	105	87243	0.216	ppbv #	97
73) 1,3,5-Trimethylbenzene	15.966	105	93854m	0.258	ppbv	
74) 1,2,4-Trimethylbenzene	16.731	105	316702	0.794	ppbv #	67
79) Naphthalene	22.159	128	35676m	0.110	ppbv	

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

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