

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041122\
 Data File : VL038880.D
 Acq On : 11 Apr 2022 21:38
 Operator : SY/AP
 Sample : N2332-03DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-3DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/13/2022
 Supervised By : Mahesh Dadoda 04/14/2022

Quant Time: Apr 12 02:53:30 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	5.665	49	1143552	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.173	114	3257399	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.079	117	3004436	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.401	95	2421426	10.625	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.051	85	25931	0.160	ppbv	97
4) Chloromethane	3.141	50	10563m	0.146	ppbv	
9) Propene	3.012	41	212618	2.879	ppbv	88
10) Heptane	8.115	43	567470	3.051	ppbv	99
13) Ethanol	3.604	45	229229	51.084	ppbv #	100
15) Acetone	3.842	43	7166691	62.948	ppbv	99
17) tert-Butyl alcohol	4.308	59	531451	5.205	ppbv #	72
19) Isopropyl Alcohol	3.960	45	1455419	25.012	ppbv #	100
20) Methylene Chloride	4.343	84	28238m	0.684	ppbv	
25) Ethyl Acetate	5.665	43	8653111	29.954	ppbv #	88
30) Cyclohexane	7.121	84	60808m	0.525	ppbv	
34) 2-Butanone	5.237	43	1745574	13.562	ppbv	97
36) Benzene	6.883	78	225596	0.761	ppbv	95
41) Tetrahydrofuran	6.047	42	135060	1.105	ppbv #	88
44) 2,2,4-Trimethylpentane	7.857	57	377314m	0.752	ppbv	
50) 4-Methyl-2-Pentanone	8.735	43	444836	1.536	ppbv	98
52) Tetrachloroethene	11.208	164	10666m	0.103	ppbv	
53) Toluene	9.803	91	16244626	47.488	ppbv	89
58) Ethyl Benzene	12.703	91	1013000	2.256	ppbv	94
59) m/p-Xylene	12.954	91	2916834	7.733	ppbv	99
60) o-Xylene	13.677	91	940328	2.664	ppbv	94
61) Styrene	13.516	104	1178727	5.482	ppbv	99
62) Isopropylbenzene	14.658	105	40228	0.076	ppbv	95
64) n-propylbenzene	15.545	120	30477m	0.222	ppbv	
72) 4-Ethyltoluene	15.822	105	211074m	0.501	ppbv	
73) 1,3,5-Trimethylbenzene	15.986	105	151510	0.400	ppbv	99
74) 1,2,4-Trimethylbenzene	16.748	105	496821	1.241	ppbv #	71
79) Naphthalene	22.194	128	30350m	0.101	ppbv	

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

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