

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112122\
 Data File : VL039915.D
 Acq On : 21 Nov 2022 18:21
 Operator : SY/AP
 Sample : N5724-04 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/22/2022
 Supervised By :Mahesh Dadoda 11/24/2022

Quant Time: Nov 22 03:50:10 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2022

QLast Update : Tue Nov 22 03:45:31 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.169	49	1072320	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.629	114	3160642	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.449	117	2841486	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2262984	10.427	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.706	85	20303	0.132	ppbv	95
4) Chloromethane	2.790	50	17653	0.187	ppbv #	81
7) Chloroethane	3.176	64	3434	0.118	ppbv #	72
9) Propene	2.677	41	30684	0.440	ppbv	86
10) Heptane	7.555	43	99145m	0.589	ppbv	
13) Ethanol	3.217	45	32485m	6.104	ppbv	
15) Acetone	3.439	43	1621933	11.404	ppbv	95
17) tert-Butyl alcohol	3.864	59	88323	0.540	ppbv	97
19) Isopropyl Alcohol	3.555	45	39401	0.512	ppbv #	29
20) Methylene Chloride	3.909	84	663216	9.625	ppbv	96
23) Vinyl Acetate	4.600	43	3763125	64.402	ppbv	98
26) Hexane	5.188	57	1296655	11.366	ppbv #	35
28) Methyl tert-Butyl Ether	4.568	73	27775	0.194	ppbv #	52
34) 2-Butanone	4.770	43	252324m	1.668	ppbv	
41) Tetrahydrofuran	5.549	42	82850	0.794	ppbv	92
51) 2-Hexanone	9.532	43	219050	1.042	ppbv #	99
53) Toluene	9.201	91	231728	0.757	ppbv	96
58) Ethyl Benzene	12.072	91	80758m	0.209	ppbv	
59) m/p-Xylene	12.323	91	254242m	0.788	ppbv	
60) o-Xylene	13.043	91	142428	0.463	ppbv	99
64) n-propylbenzene	14.905	120	14971m	0.129	ppbv	
72) 4-Ethyltoluene	15.178	105	66464	0.192	ppbv #	93
73) 1,3,5-Trimethylbenzene	15.342	105	88560m	0.280	ppbv	
74) 1,2,4-Trimethylbenzene	16.101	105	345223	1.030	ppbv #	68
79) Naphthalene	21.394	128	25456m	0.127	ppbv	

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

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