

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041422\
 Data File : VL038930.D
 Acq On : 14 Apr 2022 23:25
 Operator : SY/AP
 Sample : N2259-04
 Misc : 400mL/MSVOA L
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 1165-19-SG-4

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/15/2022
 Supervised By : Mahesh Dadoda 04/18/2022

Quant Time: Apr 15 10:23:25 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522A

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

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

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1219953	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3009538	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2636717	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2181406	10.91	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.10%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.05	85	94236	0.545	ppbv	98
4) Chloromethane	3.14	50	38513	0.500	ppbv	93
9) Propene	3.02	41	354099m	4.495	ppbv	
10) Heptane	8.12	43	3762424	18.962	ppbv	98
11) Trichlorofluoromethane	3.95	101	186426	1.341	ppbv	96
13) Ethanol	3.61	45	897841	187.555	ppbv #	100
15) Acetone	3.85	43	27874327	229.499	ppbv #	67
19) Isopropyl Alcohol	3.97	45	351004	5.654	ppbv #	100
20) Methylene Chloride	4.35	84	367116	8.334	ppbv	98
25) Ethyl Acetate	5.68	43	550603	1.787	ppbv	97
26) Hexane	5.69	57	311762	2.222	ppbv #	82
30) Cyclohexane	7.13	84	121183	0.980	ppbv #	66
34) 2-Butanone	5.25	43	247834	2.084	ppbv #	91
36) Benzene	6.89	78	290333	1.060	ppbv	99
39) 1,2-Dichloropropane	7.18	63	753194	7.193	ppbv #	26
44) 2,2,4-Trimethylpentane	7.87	57	293365m	0.633	ppbv	
50) 4-Methyl-2-Pentanone	8.74	43	1081775	4.044	ppbv	99
53) Toluene	9.81	91	17380569	54.993	ppbv	87
58) Ethyl Benzene	12.71	91	965836	2.451	ppbv	93
59) m/p-Xylene	12.96	91	2480374	7.493	ppbv	100
60) o-Xylene	13.69	91	988313	3.191	ppbv	95
61) Styrene	13.52	104	41090m	0.218	ppbv	
62) Isopropylbenzene	14.66	105	133111	0.286	ppbv	95
64) n-propylbenzene	15.56	120	109156	0.904	ppbv	75
65) tert-Butylbenzene	16.76	119	184555	0.447	ppbv #	62
67) sec-Butylbenzene	17.28	105	139780	0.241	ppbv	96
69) p-Isopropyltoluene	17.64	119	76549m	0.161	ppbv	
70) n-Butylbenzene	18.55	91	293441	0.613	ppbv #	57
72) 4-Ethyltoluene	15.83	105	573428	1.550	ppbv	98
73) 1,3,5-Trimethylbenzene	15.99	105	490748	1.477	ppbv	97
74) 1,2,4-Trimethylbenzene	16.76	105	1746142	4.971	ppbv #	71
79) Naphthalene	22.18	128	121444m	0.462	ppbv	
80) Naphthalene,2-methyl-	24.97	142	33088	0.511	ppbv #	64

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

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