

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041422\
 Data File : VL038934.D
 Acq On : 15 Apr 2022 2:07
 Operator : SY/AP
 Sample : N2259-08
 Misc : 400mL/MSVOA L
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 1165-19-IA-3

Manual Integrations
 APPROVED

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

Quant Time: Apr 15 10:15:34 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	1190431	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3104358	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2754205	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2190411	10.48	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.80%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.05	85	103891	0.615	ppbv	89
4) Chloromethane	3.14	50	33948	0.451	ppbv	91
9) Propene	3.02	41	298437m	3.883	ppbv	
10) Heptane	8.12	43	3145471	16.246	ppbv	99
11) Trichlorofluoromethane	3.95	101	213592	1.574	ppbv	98
13) Ethanol	3.61	45	643487	137.755	ppbv #	100
15) Acetone	3.85	43	25963967	219.072	ppbv #	70
19) Isopropyl Alcohol	3.97	45	555443	9.170	ppbv #	100
20) Methylene Chloride	4.35	84	251991	5.863	ppbv	94
25) Ethyl Acetate	5.68	43	449977	1.496	ppbv	99
26) Hexane	5.69	57	201654	1.473	ppbv	99
30) Cyclohexane	7.13	84	119567	0.991	ppbv	99
34) 2-Butanone	5.25	43	238099	1.941	ppbv	92
35) Carbon Tetrachloride	7.01	117	10699m	0.057	ppbv	
36) Benzene	6.89	78	468124	1.658	ppbv	97
44) 2,2,4-Trimethylpentane	7.87	57	220651	0.461	ppbv #	1
50) 4-Methyl-2-Pentanone	8.75	43	175619	0.636	ppbv	95
52) Tetrachloroethene	11.22	164	15310m	0.155	ppbv	
53) Toluene	9.81	91	17294083	53.048	ppbv	87
58) Ethyl Benzene	12.70	91	1088129	2.644	ppbv	92
59) m/p-Xylene	12.96	91	2704819	7.823	ppbv	100
60) o-Xylene	13.68	91	1094716	3.384	ppbv	94
61) Styrene	13.52	104	48078m	0.244	ppbv	
62) Isopropylbenzene	14.66	105	151966m	0.313	ppbv	
64) n-propylbenzene	15.56	120	126371	1.002	ppbv	84
67) sec-Butylbenzene	17.28	105	143234	0.237	ppbv	96
69) p-Isopropyltoluene	17.64	119	71855	0.145	ppbv	96
70) n-Butylbenzene	18.55	91	306726	0.613	ppbv #	56
72) 4-Ethyltoluene	15.83	105	613211	1.587	ppbv	98
73) 1,3,5-Trimethylbenzene	15.99	105	542820	1.564	ppbv	97
74) 1,2,4-Trimethylbenzene	16.75	105	1884631	5.137	ppbv #	68
79) Naphthalene	22.18	128	162942m	0.594	ppbv	
80) Naphthalene,2-methyl-	24.96	142	49456	0.731	ppbv #	64

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

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