

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041422\
 Data File : VL038927.D
 Acq On : 14 Apr 2022 21:24
 Operator : SY/AP
 Sample : N2259-01DUP
 Misc : 400mL/MSVOA L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 1165-19-SG-1DUP

Manual Integrations
 APPROVED

Quant Time: Apr 15 10:05:20 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

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1109235	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2594257	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2245332	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1817504	10.67	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.70%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	34015	0.216 ppbv	94
3) Chlorodifluoromethane	2.97	51	1007605	7.443 ppbv #	63
4) Chloromethane	3.15	50	35041	0.500 ppbv	98
9) Propene	3.03	41	119912	1.674 ppbv #	74
10) Heptane	8.13	43	1279064	7.090 ppbv	97
11) Trichlorofluoromethane	3.95	101	360903	2.855 ppbv	99
13) Ethanol	3.60	45	589511	135.438 ppbv #	100
15) Acetone	3.85	43	16993973	153.883 ppbv #	86
19) Isopropyl Alcohol	3.97	45	320271	5.674 ppbv #	100
20) Methylene Chloride	4.35	84	434257	10.843 ppbv	97
25) Ethyl Acetate	5.69	43	397389	1.418 ppbv #	89
26) Hexane	5.69	57	358231	2.809 ppbv #	54
30) Cyclohexane	7.13	84	37007	0.329 ppbv	95
34) 2-Butanone	5.25	43	139214	1.358 ppbv #	90
35) Carbon Tetrachloride	7.03	117	11612m	0.075 ppbv	
36) Benzene	6.90	78	139245	0.590 ppbv	95
44) 2,2,4-Trimethylpentane	7.87	57	133936	0.335 ppbv #	1
50) 4-Methyl-2-Pentanone	8.75	43	232583	1.009 ppbv	100
52) Tetrachloroethene	11.22	164	7265m	0.088 ppbv	
53) Toluene	9.81	91	9019651	33.107 ppbv	97
58) Ethyl Benzene	12.71	91	338512	1.009 ppbv	92
59) m/p-Xylene	12.97	91	957566	3.397 ppbv	98
60) o-Xylene	13.69	91	349954	1.327 ppbv	97
61) Styrene	13.52	104	21920m	0.136 ppbv	
62) Isopropylbenzene	14.67	105	46569m	0.118 ppbv	
64) n-propylbenzene	15.56	120	41493m	0.404 ppbv	
65) tert-Butylbenzene	16.75	119	71652m	0.204 ppbv	
67) sec-Butylbenzene	17.28	105	56484m	0.115 ppbv	
70) n-Butylbenzene	18.55	91	133603m	0.328 ppbv	
72) 4-Ethyltoluene	15.84	105	232143m	0.737 ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	192531	0.680 ppbv	91
74) 1,2,4-Trimethylbenzene	16.76	105	689789	2.306 ppbv #	69
79) Naphthalene	22.19	128	40820m	0.182 ppbv	

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

