

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041422\
 Data File : VL038928.D
 Acq On : 14 Apr 2022 22:04
 Operator : SY/AP
 Sample : N2259-02
 Misc : 400mL/MSVOA L
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 1165-19-SG-2

Manual Integrations
 APPROVED

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

Quant Time: Apr 15 10:12:53 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	1206982	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2936460	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2660218	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2162217	10.72	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.20%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.05	85	110780	0.647	ppbv	97
4) Chloromethane	3.15	50	38757	0.508	ppbv	96
9) Propene	3.03	41	399731m	5.129	ppbv	
10) Heptane	8.12	43	2671392	13.608	ppbv	98
11) Trichlorofluoromethane	3.95	101	440754	3.204	ppbv	99
13) Ethanol	3.61	45	640343	135.202	ppbv #	100
15) Acetone	3.85	43	24270483	201.975	ppbv #	74
19) Isopropyl Alcohol	3.97	45	372790	6.070	ppbv #	100
20) Methylene Chloride	4.36	84	187929	4.312	ppbv	90
25) Ethyl Acetate	5.68	43	360748	1.183	ppbv	99
26) Hexane	5.69	57	183787	1.324	ppbv	89
30) Cyclohexane	7.13	84	89833	0.734	ppbv #	63
34) 2-Butanone	5.25	43	200203	1.725	ppbv	98
35) Carbon Tetrachloride	7.02	117	11737m	0.067	ppbv	
36) Benzene	6.89	78	250481	0.938	ppbv	97
44) 2,2,4-Trimethylpentane	7.87	57	212767	0.470	ppbv #	1
50) 4-Methyl-2-Pentanone	8.75	43	244225	0.936	ppbv	94
53) Toluene	9.81	91	14757662	47.856	ppbv	90
58) Ethyl Benzene	12.71	91	655578	1.649	ppbv	91
59) m/p-Xylene	12.97	91	1770707	5.302	ppbv	98
60) o-Xylene	13.69	91	693736	2.220	ppbv	94
61) Styrene	13.53	104	35069	0.184	ppbv	92
62) Isopropylbenzene	14.66	105	91909m	0.196	ppbv	
64) n-propylbenzene	15.56	120	71093m	0.584	ppbv	
65) tert-Butylbenzene	16.76	119	123607	0.297	ppbv #	56
67) sec-Butylbenzene	17.29	105	83333	0.143	ppbv	99
69) p-Isopropyltoluene	17.64	119	45685	0.095	ppbv #	86
70) n-Butylbenzene	18.55	91	185670	0.384	ppbv #	57
72) 4-Ethyltoluene	15.83	105	385246	1.032	ppbv	98
73) 1,3,5-Trimethylbenzene	16.00	105	339917	1.014	ppbv	92
74) 1,2,4-Trimethylbenzene	16.76	105	1197452	3.379	ppbv #	69
79) Naphthalene	22.20	128	91838m	0.346	ppbv	
80) Naphthalene,2-methyl-	24.97	142	23916	0.366	ppbv #	58

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

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