

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041422\
 Data File : VL038935.D
 Acq On : 15 Apr 2022 2:49
 Operator : SY/AP
 Sample : N2259-09
 Misc : 400mL/MSVOA L
 ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Apr 15 10:12:48 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	1184311	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3086266	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2737931	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2128836	10.25	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.50%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.05	85	42664	0.254	ppbv	99
4) Chloromethane	3.14	50	38726	0.517	ppbv #	84
9) Propene	3.02	41	276097m	3.610	ppbv	
10) Heptane	8.11	43	2822197	14.652	ppbv	98
11) Trichlorofluoromethane	3.95	101	171725	1.272	ppbv	96
13) Ethanol	3.60	45	717646	154.425	ppbv #	100
15) Acetone	3.84	43	24461730	207.463	ppbv #	73
19) Isopropyl Alcohol	3.96	45	384376	6.378	ppbv #	100
20) Methylene Chloride	4.34	84	197233	4.612	ppbv	93
25) Ethyl Acetate	5.67	43	551101	1.842	ppbv	98
26) Hexane	5.68	57	198904	1.461	ppbv #	73
30) Cyclohexane	7.12	84	118712m	0.989	ppbv	
34) 2-Butanone	5.24	43	258063	2.116	ppbv	94
35) Carbon Tetrachloride	7.01	117	10141m	0.055	ppbv	
36) Benzene	6.89	78	433128	1.543	ppbv	98
44) 2,2,4-Trimethylpentane	7.86	57	237253	0.499	ppbv #	1
50) 4-Methyl-2-Pentanone	8.74	43	934727	3.408	ppbv	98
52) Tetrachloroethene	11.22	164	39262m	0.400	ppbv	
53) Toluene	9.80	91	16590007	51.186	ppbv	89
58) Ethyl Benzene	12.70	91	1080383	2.641	ppbv	92
59) m/p-Xylene	12.96	91	2767810	8.053	ppbv	99
60) o-Xylene	13.68	91	1095725	3.407	ppbv	97
61) Styrene	13.51	104	53431m	0.273	ppbv	
62) Isopropylbenzene	14.65	105	151729	0.314	ppbv	97
64) n-propylbenzene	15.55	120	124493	0.993	ppbv	79
67) sec-Butylbenzene	17.28	105	150070	0.250	ppbv	95
69) p-Isopropyltoluene	17.64	119	75645	0.153	ppbv	97
70) n-Butylbenzene	18.55	91	329024m	0.662	ppbv	
72) 4-Ethyltoluene	15.82	105	621873	1.619	ppbv	98
73) 1,3,5-Trimethylbenzene	15.99	105	559476	1.622	ppbv	97
74) 1,2,4-Trimethylbenzene	16.75	105	1927332	5.284	ppbv #	69
79) Naphthalene	22.18	128	175269m	0.642	ppbv	
80) Naphthalene,2-methyl-	24.96	142	68109m	1.013	ppbv	

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

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