

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041422\
 Data File : VL038929.D
 Acq On : 14 Apr 2022 22:45
 Operator : SY/AP
 Sample : N2259-03
 Misc : 400mL/MSVOA L
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Apr 15 10:17:43 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	1195190	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2931719	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2674419	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2098953	10.35	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	42973	0.253 ppbv	99
4) Chloromethane	3.15	50	47860	0.634 ppbv	95
9) Propene	3.03	41	357900	4.638 ppbv #	68
10) Heptane	8.12	43	2969330	15.275 ppbv	98
11) Trichlorofluoromethane	3.95	101	192803	1.415 ppbv	99
13) Ethanol	3.61	45	802388	171.088 ppbv #	100
15) Acetone	3.85	43	25452029	213.897 ppbv #	72
19) Isopropyl Alcohol	3.97	45	357815	5.883 ppbv #	100
20) Methylene Chloride	4.35	84	863503	20.009 ppbv	97
25) Ethyl Acetate	5.68	43	678587	2.248 ppbv #	87
26) Hexane	5.69	57	664198	4.833 ppbv #	53
30) Cyclohexane	7.13	84	97769m	0.807 ppbv	
34) 2-Butanone	5.25	43	237941	2.054 ppbv	92
35) Carbon Tetrachloride	7.02	117	10719m	0.061 ppbv	
36) Benzene	6.89	78	268847	1.008 ppbv	96
44) 2,2,4-Trimethylpentane	7.88	57	259002m	0.574 ppbv	
50) 4-Methyl-2-Pentanone	8.74	43	580521	2.228 ppbv	97
52) Tetrachloroethene	11.22	164	7656m	0.082 ppbv	
53) Toluene	9.81	91	15614629	50.717 ppbv	89
58) Ethyl Benzene	12.71	91	835063	2.090 ppbv	93
59) m/p-Xylene	12.96	91	2103655	6.266 ppbv	99
60) o-Xylene	13.69	91	820562	2.612 ppbv	95
61) Styrene	13.52	104	31913m	0.167 ppbv	
62) Isopropylbenzene	14.67	105	116944	0.248 ppbv	95
64) n-propylbenzene	15.56	120	92893	0.759 ppbv	80
65) tert-Butylbenzene	16.75	119	148952	0.356 ppbv #	60
67) sec-Butylbenzene	17.29	105	115381m	0.197 ppbv	
69) p-Isopropyltoluene	17.64	119	60414	0.125 ppbv #	91
70) n-Butylbenzene	18.54	91	249815m	0.514 ppbv	
72) 4-Ethyltoluene	15.83	105	509855m	1.359 ppbv	
73) 1,3,5-Trimethylbenzene	15.99	105	406409	1.206 ppbv	91
74) 1,2,4-Trimethylbenzene	16.75	105	1429781	4.013 ppbv #	68
79) Naphthalene	22.20	128	92045m	0.345 ppbv	
80) Naphthalene,2-methyl-	24.97	142	15754	0.240 ppbv #	32

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

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