

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041422\
 Data File : VL038937.D
 Acq On : 15 Apr 2022 4:09
 Operator : SY/AP
 Sample : N2351-02
 Misc : 400mL/MSVOA L
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 1161-8.01-IA-2

Manual Integrations
 APPROVED

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

Quant Time: Apr 15 10:04:24 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	5.66	49	1172702	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3067768	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2812888	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2240971	10.50	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.00%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	103857	0.624	ppbv	99
3) Chlorodifluoromethane	2.98	51	432593m	3.023	ppbv	
4) Chloromethane	3.14	50	36125	0.487	ppbv	98
9) Propene	3.02	41	277530m	3.665	ppbv	
10) Heptane	8.11	43	862110	4.520	ppbv	98
11) Trichlorofluoromethane	3.95	101	26803	0.201	ppbv	92
13) Ethanol	3.60	45	3983953	865.762	ppbv #	100
15) Acetone	3.84	43	3784653	32.416	ppbv #	86
19) Isopropyl Alcohol	3.96	45	11225192	188.114	ppbv #	100
20) Methylene Chloride	4.34	84	46565	1.100	ppbv	89
26) Hexane	5.68	57	958248	7.106	ppbv #	55
29) Chloroform	5.74	83	34642m	0.184	ppbv	
30) Cyclohexane	7.12	84	116928	0.984	ppbv #	73
34) 2-Butanone	5.23	43	981245	8.095	ppbv	99
35) Carbon Tetrachloride	7.00	117	11388m	0.062	ppbv	
36) Benzene	6.88	78	1381284	4.949	ppbv	99
38) Trichloroethene	7.82	130	25103m	0.219	ppbv	
41) Tetrahydrofuran	6.04	42	579647	5.035	ppbv	97
44) 2,2,4-Trimethylpentane	7.86	57	1879118	3.977	ppbv	95
50) 4-Methyl-2-Pentanone	8.74	43	84649	0.310	ppbv	97
52) Tetrachloroethene	11.21	164	5232m	0.054	ppbv	
53) Toluene	9.80	91	12320125	38.241	ppbv	93
58) Ethyl Benzene	12.70	91	3374660	8.029	ppbv	93
59) m/p-Xylene	12.96	91	9834337	27.849	ppbv	97
60) o-Xylene	13.68	91	3452212	10.447	ppbv	96
61) Styrene	13.51	104	44240m	0.220	ppbv	
62) Isopropylbenzene	14.65	105	139356	0.281	ppbv	96
64) n-propylbenzene	15.55	120	160705	1.248	ppbv	84
70) n-Butylbenzene	18.54	91	97284m	0.190	ppbv	
72) 4-Ethyltoluene	15.83	105	1097680	2.782	ppbv	98
73) 1,3,5-Trimethylbenzene	15.98	105	679128	1.916	ppbv	94
74) 1,2,4-Trimethylbenzene	16.75	105	2643957	7.056	ppbv #	71
79) Naphthalene	22.18	128	92675	0.331	ppbv	95

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

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