

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041122\
 Data File : VL038875.D
 Acq On : 11 Apr 2022 18:21
 Operator : SY/AP
 Sample : N2332-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DUP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2022
 Supervised By :Mahesh Dadoda 04/14/2022

Quant Time: Apr 12 02:50:59 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 6 06:12:53 2022

QLast Update : Wed Apr 06 06:12:53 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.674	49	1201053	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.179	114	3374288	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.079	117	3001064	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.404	95	2322891	10.204	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.047	85	47016	0.276	ppbv	91
4) Chloromethane	3.140	50	36475m	0.481	ppbv	
9) Propene	3.012	41	2157196	27.816	ppbv	95
10) Heptane	8.124	43	8652772	44.295	ppbv	96
11) Trichlorofluoromethane	3.947	101	30079	0.220	ppbv	92
13) Ethanol	3.613	45	2608091	553.392	ppbv #	100
15) Acetone	3.851	43	33649064	281.404	ppbv #	62
20) Methylene Chloride	4.353	84	216507	4.992	ppbv	94
25) Ethyl Acetate	5.674	43	7946046	26.189	ppbv #	94
26) Hexane	5.684	57	1798307	13.022	ppbv #	21
30) Cyclohexane	7.124	84	775758	6.373	ppbv	96
34) 2-Butanone	5.253	43	398107	2.986	ppbv	95
35) Carbon Tetrachloride	7.021	117	10365m	0.051	ppbv	
36) Benzene	6.893	78	2789537	9.087	ppbv	99
38) Trichloroethene	7.828	130	6955m	0.055	ppbv	
44) 2,2,4-Trimethylpentane	7.867	57	3067717	5.903	ppbv #	63
50) 4-Methyl-2-Pentanone	8.742	43	582350	1.942	ppbv	98
52) Tetrachloroethene	11.217	164	345108	3.219	ppbv	97
53) Toluene	9.822	91	29510915	83.280	ppbv #	20
58) Ethyl Benzene	12.703	91	3169404	7.068	ppbv	92
59) m/p-Xylene	12.957	91	7836121	20.799	ppbv	96
60) o-Xylene	13.680	91	3040012	8.623	ppbv	98
61) Styrene	13.516	104	182171	0.848	ppbv	98
62) Isopropylbenzene	14.658	105	253911	0.480	ppbv	95
64) n-propylbenzene	15.552	120	217416	1.582	ppbv	77
67) sec-Butylbenzene	17.285	105	236604	0.359	ppbv	99
69) p-Isopropyltoluene	17.638	119	140973	0.261	ppbv	96
70) n-Butylbenzene	18.542	91	795468	1.460	ppbv #	49
72) 4-Ethyltoluene	15.828	105	1420039	3.373	ppbv	98
73) 1,3,5-Trimethylbenzene	15.989	105	1258205	3.327	ppbv	98
74) 1,2,4-Trimethylbenzene	16.748	105	4420917	11.059	ppbv #	72
79) Naphthalene	22.178	128	683778	2.287	ppbv	98
80) Naphthalene,2-methyl-	24.959	142	102039m	1.385	ppbv	

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

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