

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041122\
 Data File : VL038874.D
 Acq On : 11 Apr 2022 17:40
 Operator : SY/AP
 Sample : N2332-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1

Manual Integrations
 APPROVED

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

Quant Time: Apr 12 02:50:23 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Apr 06 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	1209767	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.182	114	3197035	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.079	117	2936588	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.407	95	2502621	11.235	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	112.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.050	85	105554	0.615	ppbv	99
4) Chloromethane	3.137	50	40434m	0.529	ppbv	
9) Propene	3.012	41	2194925	28.099	ppbv	93
10) Heptane	8.121	43	8565000	43.530	ppbv	94
11) Trichlorofluoromethane	3.947	101	31997	0.232	ppbv	86
13) Ethanol	3.613	45	2603469	548.432	ppbv #	100
15) Acetone	3.851	43	32960273	273.658	ppbv #	62
20) Methylene Chloride	4.353	84	181160	4.147	ppbv	93
25) Ethyl Acetate	5.674	43	7935523	25.966	ppbv #	93
26) Hexane	5.684	57	1755786	12.622	ppbv #	15
30) Cyclohexane	7.127	84	758729	6.189	ppbv	97
34) 2-Butanone	5.250	43	374553	2.965	ppbv #	91
35) Carbon Tetrachloride	7.025	117	12053m	0.063	ppbv	
36) Benzene	6.893	78	2772598	9.533	ppbv	98
38) Trichloroethene	7.835	130	5840m	0.049	ppbv	
44) 2,2,4-Trimethylpentane	7.867	57	3035141	6.164	ppbv #	60
50) 4-Methyl-2-Pentanone	8.742	43	565747	1.991	ppbv	97
52) Tetrachloroethene	11.217	164	340948	3.356	ppbv	92
53) Toluene	9.825	91	29207428	86.994	ppbv #	74
58) Ethyl Benzene	12.703	91	3277127	7.468	ppbv	93
59) m/p-Xylene	12.960	91	7991309	21.677	ppbv	99
60) o-Xylene	13.680	91	3152798	9.139	ppbv	94
61) Styrene	13.516	104	187933	0.894	ppbv	96
62) Isopropylbenzene	14.658	105	256616	0.496	ppbv	96
64) n-propylbenzene	15.555	120	225508	1.677	ppbv	81
67) sec-Butylbenzene	17.281	105	236003	0.366	ppbv	98
69) p-Isopropyltoluene	17.638	119	139936m	0.264	ppbv	
70) n-Butylbenzene	18.539	91	808286	1.516	ppbv #	52
72) 4-Ethyltoluene	15.828	105	1379235	3.348	ppbv	97
73) 1,3,5-Trimethylbenzene	15.982	105	1285979	3.475	ppbv	92
74) 1,2,4-Trimethylbenzene	16.748	105	4411048	11.276	ppbv #	71
79) Naphthalene	22.178	128	647114	2.211	ppbv	100
80) Naphthalene,2-methyl-	24.960	142	79636m	1.104	ppbv	

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

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