

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050922\
 Data File : VL038997.D
 Acq On : 9 May 2022 21:43
 Operator : SY/AP
 Sample : N2744-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/10/2022
 Supervised By : Mahesh Dadoda 05/11/2022

Quant Time: May 10 05:47:17 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 10 05:47:17 2022

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.648	49	1231637	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.156	114	3372337	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.057	117	3000810	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.384	95	2389639	10.055	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.044	85	31097	0.161	ppbv	# 87
4) Chloromethane	3.131	50	58121	0.759	ppbv	93
9) Propene	3.002	41	7515403	112.604	ppbv	91
10) Heptane	8.105	43	6009232	36.700	ppbv	100
11) Trichlorofluoromethane	3.938	101	45522m	0.275	ppbv	
13) Ethanol	3.623	45	26091019	5524.023	ppbv	99
15) Acetone	3.832	43	2274051	19.574	ppbv	# 26
20) Methylene Chloride	4.333	84	271912	6.210	ppbv	98
26) Hexane	5.674	57	8082027	65.413	ppbv	# 40
27) Carbon Disulfide	4.536	76	514288	4.382	ppbv	# 93
30) Cyclohexane	7.111	84	2014687	19.476	ppbv	93
34) 2-Butanone	5.221	43	3782821	21.987	ppbv	99
36) Benzene	6.870	78	4517025	15.652	ppbv	98
41) Tetrahydrofuran	6.028	42	364589	3.153	ppbv	98
44) 2,2,4-Trimethylpentane	7.854	57	18360748	36.257	ppbv	# 78
50) 4-Methyl-2-Pentanone	8.719	43	1041098	3.451	ppbv	99
51) 2-Hexanone	10.095	43	2538840	11.530	ppbv	# 61
52) Tetrachloroethene	11.211	164	11129852	107.919	ppbv	90
53) Toluene	9.790	91	18911538	58.465	ppbv	# 84
58) Ethyl Benzene	12.684	91	7625419	17.657	ppbv	95
59) m/p-Xylene	12.941	91	16229264	44.021	ppbv	# 86
60) o-Xylene	13.661	91	6607269	19.041	ppbv	94
61) Styrene	13.497	104	61580m	0.332	ppbv	
62) Isopropylbenzene	14.638	105	784650	1.546	ppbv	99
64) n-propylbenzene	15.536	120	382625m	3.119	ppbv	
70) n-Butylbenzene	18.526	91	292700m	0.537	ppbv	
72) 4-Ethyltoluene	15.806	105	1724667	4.362	ppbv	98
73) 1,3,5-Trimethylbenzene	15.960	105	1215114	3.414	ppbv	99
74) 1,2,4-Trimethylbenzene	16.728	105	3752374	9.627	ppbv	# 67
79) Naphthalene	22.162	128	35277m	0.111	ppbv	

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

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