

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050922\
 Data File : VL038993.D
 Acq On : 9 May 2022 19:04
 Operator : SY/AP
 Sample : N2724-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

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

Quant Time: May 10 05:46:00 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 05 10:12:15 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	1097733	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.153	114	2511161	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.056	117	2090526	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.384	95	1726910	10.431	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.300%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.044	85	52710	0.306	ppbv	100
3) Chlorodifluoromethane	2.976	51	72670m	0.533	ppbv	
4) Chloromethane	3.137	50	34576m	0.507	ppbv	
9) Propene	3.015	41	72043m	1.211	ppbv	
10) Heptane	8.098	43	140375	0.962	ppbv	98
11) Trichlorofluoromethane	3.944	101	43936	0.298	ppbv	86
13) Ethanol	3.590	45	373720m	88.776	ppbv	
15) Acetone	3.832	43	2426268m	23.431	ppbv	
19) Isopropyl Alcohol	3.954	45	239065	4.856	ppbv #	1
20) Methylene Chloride	4.330	84	282198	7.231	ppbv	97
26) Hexane	5.668	57	677741	6.154	ppbv #	39
29) Chloroform	5.735	83	21473m	0.121	ppbv	
30) Cyclohexane	7.111	84	63876m	0.693	ppbv	
34) 2-Butanone	5.230	43	88965	0.694	ppbv #	90
35) Carbon Tetrachloride	7.002	117	10365m	0.063	ppbv	
36) Benzene	6.867	78	386201	1.797	ppbv	96
44) 2,2,4-Trimethylpentane	7.848	57	112658	0.299	ppbv #	65
52) Tetrachloroethene	11.201	164	8973m	0.117	ppbv	
53) Toluene	9.780	91	1599821	6.642	ppbv	99
58) Ethyl Benzene	12.677	91	270433m	0.899	ppbv	
59) m/p-Xylene	12.934	91	901807m	3.511	ppbv	
60) o-Xylene	13.661	91	292354	1.209	ppbv	96
61) Styrene	13.494	104	19468m	0.151	ppbv	
64) n-propylbenzene	15.526	120	22497m	0.263	ppbv	
69) p-Isopropyltoluene	17.629	119	45854m	0.128	ppbv	
72) 4-Ethyltoluene	15.805	105	151144	0.549	ppbv #	96
73) 1,3,5-Trimethylbenzene	15.960	105	111106m	0.448	ppbv	
74) 1,2,4-Trimethylbenzene	16.731	105	398487m	1.468	ppbv	
76) 1,4-Dichlorobenzene	17.101	146	20917m	0.143	ppbv	

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

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