

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060622\
 Data File : VL039196.D
 Acq On : 6 Jun 2022 22:40
 Operator : SY/AP
 Sample : N3110-01 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022

Quant Time: Jun 07 03:20:49 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 07 03:20:49 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.661	49	1131618	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.169	114	3106516	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.073	117	2761960	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.401	95	2195179	9.614	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.100%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.047	85	29147	0.147	ppbv	96
3) Chlorodifluoromethane	2.989	51	37312	0.259	ppbv #	87
4) Chloromethane	3.137	50	9528m	0.129	ppbv	
9) Propene	3.025	41	18885m	0.301	ppbv	
10) Heptane	8.115	43	26959m	0.184	ppbv	
11) Trichlorofluoromethane	3.948	101	46537	0.259	ppbv	99
13) Ethanol	3.594	45	235377	68.745	ppbv #	100
15) Acetone	3.845	43	575617	4.883	ppbv	96
17) tert-Butyl alcohol	4.295	59	29332m	0.321	ppbv	
19) Isopropyl Alcohol	3.964	45	106755m	1.931	ppbv	
20) Methylene Chloride	4.343	84	712454	14.342	ppbv	94
26) Hexane	5.681	57	1393031	11.931	ppbv #	39
27) Carbon Disulfide	4.546	76	49337m	0.408	ppbv	
29) Chloroform	5.745	83	193290	0.984	ppbv	99
30) Cyclohexane	7.115	84	14879m	0.152	ppbv	
32) 1,1,1-Trichloroethane	6.501	97	13515m	0.070	ppbv	
34) 2-Butanone	5.240	43	77303m	0.458	ppbv	
35) Carbon Tetrachloride	7.015	117	327648	1.445	ppbv	95
38) Trichloroethene	7.835	130	4808m	0.042	ppbv	
51) 2-Hexanone	10.140	43	42256m	0.215	ppbv	
52) Tetrachloroethene	11.211	164	220418m	2.238	ppbv	
53) Toluene	9.793	91	425293	1.464	ppbv	97
58) Ethyl Benzene	12.696	91	351578	0.924	ppbv	97
59) m/p-Xylene	12.950	91	1385397m	4.135	ppbv	
60) o-Xylene	13.677	91	518812	1.648	ppbv	98
61) Styrene	13.513	104	29884m	0.177	ppbv	
64) n-propylbenzene	15.548	120	45713m	0.397	ppbv	
69) p-Isopropyltoluene	17.635	119	63410m	0.129	ppbv	
70) n-Butylbenzene	18.539	91	105356m	0.208	ppbv	
72) 4-Ethyltoluene	15.822	105	323771m	0.878	ppbv	
73) 1,3,5-Trimethylbenzene	15.986	105	247139	0.743	ppbv	88
74) 1,2,4-Trimethylbenzene	16.744	105	969465	2.610	ppbv #	61
79) Naphthalene	22.182	128	71438m	0.250	ppbv	

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

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