

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060622\
 Data File : VL039197.D
 Acq On : 6 Jun 2022 23:21
 Operator : SY/AP
 Sample : N3110-06 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-8

Manual Integrations
 APPROVED

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

Quant Time: Jun 07 03:21:06 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 07 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	1252859	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.166	114	3347833	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.073	117	3111120	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.400	95	2449750	9.524	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.050	85	63562	0.289	ppbv	98
3) Chlorodifluoromethane	2.986	51	66593m	0.418	ppbv	
4) Chloromethane	3.144	50	30202m	0.369	ppbv	
9) Propene	3.022	41	57098	0.821	ppbv #	70
10) Heptane	8.118	43	57106m	0.352	ppbv	
11) Trichlorofluoromethane	3.951	101	55056	0.276	ppbv	89
13) Ethanol	3.597	45	607499	160.259	ppbv #	100
15) Acetone	3.845	43	2194514	16.815	ppbv	99
17) tert-Butyl alcohol	4.298	59	46223m	0.457	ppbv	
19) Isopropyl Alcohol	3.964	45	158976	2.597	ppbv #	1
20) Methylene Chloride	4.343	84	873204	15.877	ppbv	96
26) Hexane	5.681	57	1616078	12.502	ppbv #	42
27) Carbon Disulfide	4.549	76	94067	0.702	ppbv	96
29) Chloroform	5.748	83	55074	0.253	ppbv	92
30) Cyclohexane	7.124	84	31981m	0.295	ppbv	
34) 2-Butanone	5.240	43	311149	1.711	ppbv	95
36) Benzene	6.883	78	127412	0.469	ppbv	96
44) 2,2,4-Trimethylpentane	7.861	57	63830	0.134	ppbv #	57
51) 2-Hexanone	10.134	43	130853m	0.618	ppbv	
52) Tetrachloroethene	11.211	164	244006	2.299	ppbv	96
53) Toluene	9.796	91	501824	1.603	ppbv	99
58) Ethyl Benzene	12.700	91	345610	0.806	ppbv	95
59) m/p-Xylene	12.957	91	1233634	3.269	ppbv	94
60) o-Xylene	13.674	91	514142	1.450	ppbv	99
61) Styrene	13.513	104	42731m	0.225	ppbv	
64) n-propylbenzene	15.555	120	56602m	0.437	ppbv	
69) p-Isopropyltoluene	17.638	119	55814m	0.101	ppbv	
70) n-Butylbenzene	18.545	91	122202m	0.215	ppbv	
72) 4-Ethyltoluene	15.822	105	307760	0.741	ppbv	99
73) 1,3,5-Trimethylbenzene	15.982	105	292160	0.779	ppbv	96
74) 1,2,4-Trimethylbenzene	16.748	105	1069661	2.557	ppbv #	64
79) Naphthalene	22.172	128	84714m	0.263	ppbv	

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

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