

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060622\
 Data File : VL039183.D
 Acq On : 6 Jun 2022 12:55
 Operator : SY/AP
 Sample : N3110-05 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-10

Manual Integrations
 APPROVED

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

Quant Time: Jun 06 13:49:14 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 6

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	5.664	49	1298440	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.169	114	3532948	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.076	117	3252611	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.404	95	2495369	9.280	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.800%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	2.986	51	16814	0.102	ppbv	99
4) Chloromethane	3.144	50	14963	0.176	ppbv	90
9) Propene	3.018	41	43169	0.599	ppbv	98
10) Heptane	8.114	43	48550m	0.289	ppbv	
11) Trichlorofluoromethane	3.954	101	677879	3.284	ppbv	100
13) Ethanol	3.603	45	114493	29.143	ppbv #	100
15) Acetone	3.845	43	3636205	26.884	ppbv	96
17) tert-Butyl alcohol	4.288	59	147708	1.408	ppbv #	93
19) Isopropyl Alcohol	3.967	45	71371	1.125	ppbv #	93
20) Methylene Chloride	4.343	84	134651	2.362	ppbv	94
26) Hexane	5.684	57	340804	2.544	ppbv #	40
27) Carbon Disulfide	4.549	76	30309	0.218	ppbv #	36
29) Chloroform	5.754	83	29278m	0.130	ppbv	
30) Cyclohexane	7.121	84	12087m	0.107	ppbv	
34) 2-Butanone	5.240	43	393671	2.051	ppbv	96
36) Benzene	6.880	78	38470m	0.134	ppbv	
38) Trichloroethene	7.822	130	22352m	0.170	ppbv	
44) 2,2,4-Trimethylpentane	7.857	57	48081m	0.096	ppbv	
51) 2-Hexanone	10.137	43	118851m	0.532	ppbv	
52) Tetrachloroethene	11.214	164	214915	1.919	ppbv	93
53) Toluene	9.796	91	405686	1.228	ppbv	99
58) Ethyl Benzene	12.700	91	247709	0.553	ppbv	92
59) m/p-Xylene	12.957	91	888381	2.252	ppbv	94
60) o-Xylene	13.680	91	366480	0.989	ppbv	99
61) Styrene	13.513	104	25530m	0.129	ppbv	
64) n-propylbenzene	15.551	120	29327m	0.217	ppbv	
65) tert-Butylbenzene	16.744	119	65564	0.130	ppbv #	67
70) n-Butylbenzene	18.542	91	74599m	0.125	ppbv	
72) 4-Ethyltoluene	15.828	105	177204	0.408	ppbv	94
73) 1,3,5-Trimethylbenzene	15.986	105	160166m	0.409	ppbv	
74) 1,2,4-Trimethylbenzene	16.748	105	602662	1.378	ppbv #	62

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

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