

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060622\
 Data File : VL039182.D
 Acq On : 6 Jun 2022 12:16
 Operator : SY/AP
 Sample : N3110-04 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-11DL

Quant Time: Jun 06 12:50:46 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Bromochloromethane	5.661	49	1308544	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.166	114	3614320	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.073	117	3234314	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.400	95	2507080	9.376	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.054	85	27360	0.119	ppbv	90
3) Chlorodifluoromethane	2.993	51	18584	0.112	ppbv #	88
4) Chloromethane	3.140	50	18040	0.211	ppbv #	88
9) Propene	3.018	41	23483m	0.323	ppbv	
10) Heptane	8.114	43	21476m	0.127	ppbv	
11) Trichlorofluoromethane	3.947	101	146312	0.703	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.481	101	19414	0.141	ppbv	91
13) Ethanol	3.600	45	76218m	19.251	ppbv	
15) Acetone	3.848	43	355975	2.612	ppbv	90
17) tert-Butyl alcohol	4.301	59	21577m	0.204	ppbv	
20) Methylene Chloride	4.343	84	210505	3.665	ppbv	94
26) Hexane	5.684	57	415554	3.078	ppbv #	39
27) Carbon Disulfide	4.549	76	28084	0.201	ppbv #	59
29) Chloroform	5.745	83	52140	0.230	ppbv	95
34) 2-Butanone	5.246	43	88871	0.453	ppbv #	88
38) Trichloroethene	7.822	130	17970m	0.133	ppbv	
52) Tetrachloroethene	11.214	164	161235m	1.407	ppbv	
53) Toluene	9.799	91	184686m	0.547	ppbv	
58) Ethyl Benzene	12.696	91	145729	0.327	ppbv	94
59) m/p-Xylene	12.954	91	595460m	1.518	ppbv	
60) o-Xylene	13.671	91	104507	0.283	ppbv #	31
64) n-propylbenzene	15.545	120	23166m	0.172	ppbv	
70) n-Butylbenzene	18.535	91	59015m	0.100	ppbv	
72) 4-Ethyltoluene	15.825	105	147563	0.342	ppbv	97
73) 1,3,5-Trimethylbenzene	15.979	105	120022	0.308	ppbv #	84
74) 1,2,4-Trimethylbenzene	16.744	105	479231	1.102	ppbv #	64

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

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