

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071222\
 Data File : VL039450.D
 Acq On : 12 Jul 2022 15:55
 Operator : SY/AP
 Sample : N3660-01 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-10

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/13/2022
 Supervised By : Mahesh Dadoda 07/13/2022

Quant Time: Jul 13 01:35:15 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 13 2022

QLast Update : Wed Jul 06 02:15:38 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.687	49	1309950	10.000	ppbv	0.04
33) 1,4-Difluorobenzene	7.195	114	3633714	10.000	ppbv	0.04
55) Chlorobenzene-d5	12.108	117	3440119	10.000	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.439	95	2678292	10.495	ppbv	0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.900%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.063	85	62983	0.333	ppbv	96
3) Chlorodifluoromethane	3.005	51	19249	0.116	ppbv #	87
4) Chloromethane	3.156	50	9687m	0.107	ppbv	
9) Propene	3.031	41	29918	0.399	ppbv	96
10) Heptane	8.143	43	25480m	0.145	ppbv	
11) Trichlorofluoromethane	3.970	101	2133961	10.135	ppbv	97
13) Ethanol	3.616	45	246602	56.633	ppbv	85
15) Acetone	3.867	43	1297792	8.374	ppbv #	88
17) tert-Butyl alcohol	4.304	59	310620	2.361	ppbv	100
19) Isopropyl Alcohol	3.983	45	41145	0.498	ppbv #	88
20) Methylene Chloride	4.362	84	346997	5.617	ppbv	96
26) Hexane	5.709	57	593488	4.633	ppbv #	39
27) Carbon Disulfide	4.571	76	183884	1.189	ppbv	96
29) Chloroform	5.770	83	73459m	0.330	ppbv	
32) 1,1,1-Trichloroethane	6.542	97	14278m	0.065	ppbv	
34) 2-Butanone	5.266	43	185867	1.016	ppbv #	88
38) Trichloroethene	7.854	130	40154	0.264	ppbv	91
44) 2,2,4-Trimethylpentane	7.893	57	54579m	0.115	ppbv	
51) 2-Hexanone	10.156	43	17000	0.081	ppbv #	26
52) Tetrachloroethene	11.246	164	314901	2.781	ppbv	99
53) Toluene	9.828	91	462643	1.426	ppbv	99
58) Ethyl Benzene	12.732	91	241026	0.543	ppbv	100
59) m/p-Xylene	12.992	91	1022239m	2.610	ppbv	
60) o-Xylene	13.709	91	503759	1.358	ppbv	100
62) Isopropylbenzene	14.687	105	53839m	0.095	ppbv	
64) n-propylbenzene	15.584	120	54471	0.381	ppbv	92
65) tert-Butylbenzene	16.776	119	153218m	0.294	ppbv	
67) sec-Butylbenzene	17.310	105	81118m	0.115	ppbv	
69) p-Isopropyltoluene	17.674	119	106547m	0.179	ppbv	
70) n-Butylbenzene	18.574	91	158514m	0.274	ppbv	
72) 4-Ethyltoluene	15.860	105	315703	0.724	ppbv #	96
73) 1,3,5-Trimethylbenzene	16.018	105	469594	1.173	ppbv	88
74) 1,2,4-Trimethylbenzene	16.776	105	1300349	2.935	ppbv #	70
79) Naphthalene	22.223	128	38905	0.128	ppbv #	95

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

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