

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071222\
 Data File : VL039454.D
 Acq On : 12 Jul 2022 18:46
 Operator : SY/AP
 Sample : N3660-05 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-4

Manual Integrations
 APPROVED

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

Quant Time: Jul 13 01:38:07 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 11:30:31 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	5.690	49	1572949	10.000	ppbv	0.04
33) 1,4-Difluorobenzene	7.198	114	4211435	10.000	ppbv	0.04
55) Chlorobenzene-d5	12.108	117	3901793	10.000	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.436	95	2960508	10.228	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.300%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	3.063	85	119460	0.527	ppbv	98
3) Chlorodifluoromethane	3.009	51	38579m	0.193	ppbv	
4) Chloromethane	3.153	50	14812m	0.136	ppbv	
9) Propene	3.031	41	25671m	0.285	ppbv	
10) Heptane	8.147	43	20193m	0.096	ppbv	
11) Trichlorofluoromethane	3.970	101	79815	0.316	ppbv	90
13) Ethanol	3.619	45	112197	21.458	ppbv	83
15) Acetone	3.870	43	977295	5.252	ppbv	93
17) tert-Butyl alcohol	4.314	59	17163m	0.109	ppbv	
19) Isopropyl Alcohol	3.983	45	23501m	0.237	ppbv	
20) Methylene Chloride	4.369	84	2227732	30.034	ppbv	97
26) Hexane	5.713	57	3806336	24.747	ppbv #	37
29) Chloroform	5.774	83	345613	1.292	ppbv	88
30) Cyclohexane	7.156	84	21318m	0.152	ppbv	
32) 1,1,1-Trichloroethane	6.542	97	13360m	0.051	ppbv	
34) 2-Butanone	5.272	43	65266m	0.308	ppbv	
35) Carbon Tetrachloride	7.047	117	613774	2.359	ppbv	98
38) Trichloroethene	7.857	130	294764	1.672	ppbv	96
52) Tetrachloroethene	11.246	164	2167414	16.518	ppbv	97
53) Toluene	9.825	91	234185m	0.623	ppbv	
58) Ethyl Benzene	12.732	91	246500	0.489	ppbv	93
59) m/p-Xylene	12.986	91	825660m	1.859	ppbv	
60) o-Xylene	13.709	91	436268	1.037	ppbv	98
64) n-propylbenzene	15.580	120	40242	0.248	ppbv	84
65) tert-Butylbenzene	16.780	119	108435	0.183	ppbv #	74
69) p-Isopropyltoluene	17.667	119	75230m	0.111	ppbv	
72) 4-Ethyltoluene	15.860	105	245316	0.496	ppbv	98
73) 1,3,5-Trimethylbenzene	16.014	105	334601	0.737	ppbv	97
74) 1,2,4-Trimethylbenzene	16.780	105	919598	1.830	ppbv #	71

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

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