

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062223\
 Data File : VL040502.D
 Acq On : 23 Jun 2023 10:51
 Operator : SY/MD
 Sample : 03397-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/26/2023
 Supervised By : Mahesh Dadoda 06/27/2023

Quant Time: Jun 26 02:15:36 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Jun 06 06:22:12 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.188	49	1057801	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2699509	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2327757	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1851337	9.636	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.726	85	82516	0.358	ppbv	92
3) Chlorodifluoromethane	2.674	51	29620m	0.171	ppbv	
4) Chloromethane	2.809	50	17620	0.263	ppbv	97
9) Propene	2.690	41	56543	1.058	ppbv	97
10) Heptane	7.574	43	138000	1.141	ppbv	98
11) Trichlorofluoromethane	3.562	101	1007788	5.376	ppbv	97
13) Ethanol	3.230	45	425432	38.453	ppbv	97
15) Acetone	3.465	43	2032861m	15.933	ppbv	
17) tert-Butyl alcohol	3.880	59	41101m	0.392	ppbv	
19) Isopropyl Alcohol	3.578	45	69191m	1.125	ppbv	
20) Methylene Chloride	3.931	84	533503	9.797	ppbv	97
26) Hexane	5.208	57	750332	6.854	ppbv #	43
27) Carbon Disulfide	4.121	76	384687	2.810	ppbv	96
29) Chloroform	5.269	83	32016	0.172	ppbv	98
30) Cyclohexane	6.603	84	71985	0.816	ppbv	96
32) 1,1,1-Trichloroethane	5.999	97	246246	1.338	ppbv	98
34) 2-Butanone	4.787	43	190914	1.467	ppbv	98
35) Carbon Tetrachloride	6.487	117	6936m	0.038	ppbv	
36) Benzene	6.368	78	394709	1.838	ppbv #	93
44) 2,2,4-Trimethylpentane	7.323	57	274489	0.782	ppbv #	86
51) 2-Hexanone	9.552	43	60097m	0.497	ppbv	
52) Tetrachloroethene	10.609	164	75737	1.123	ppbv	93
53) Toluene	9.214	91	1671769	7.392	ppbv	99
58) Ethyl Benzene	12.079	91	635861	2.255	ppbv	97
59) m/p-Xylene	12.339	91	2090335	8.065	ppbv	95
60) o-Xylene	13.053	91	756892	3.079	ppbv	99
61) Styrene	12.896	104	31369m	0.296	ppbv	
62) Isopropylbenzene	14.031	105	140506m	0.384	ppbv	
64) n-propylbenzene	14.918	120	31617m	0.341	ppbv	
70) n-Butylbenzene	17.886	91	44684m	0.110	ppbv	
72) 4-Ethyltoluene	15.191	105	206514	0.746	ppbv	99
73) 1,3,5-Trimethylbenzene	15.346	105	135588	0.554	ppbv	97
74) 1,2,4-Trimethylbenzene	16.098	105	624587	2.169	ppbv #	68
79) Naphthalene	21.384	128	35865m	0.216	ppbv	

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

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