

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062223\
 Data File : VL040500.D
 Acq On : 23 Jun 2023 9:33
 Operator : SY/MD
 Sample : 03397-03DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-3DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 26 02:14:44 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	5.189	49	1067230	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2766737	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.459	117	2457912	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.774	95	2008291	9.900	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.726	85	22102	0.095	ppbv #	86
4) Chloromethane	2.809	50	6851	0.101	ppbv	97
9) Propene	2.700	41	36020m	0.668	ppbv	
10) Heptane	7.571	43	98103	0.804	ppbv	100
13) Ethanol	3.237	45	251238	22.508	ppbv	97
15) Acetone	3.465	43	1169918m	9.089	ppbv	
17) tert-Butyl alcohol	3.886	59	21938	0.207	ppbv #	71
19) Isopropyl Alcohol	3.578	45	21691m	0.350	ppbv	
20) Methylene Chloride	3.928	84	45715	0.832	ppbv	97
26) Hexane	5.205	57	308831	2.796	ppbv #	43
27) Carbon Disulfide	4.121	76	17918	0.130	ppbv #	41
30) Cyclohexane	6.600	84	43666m	0.491	ppbv	
32) 1,1,1-Trichloroethane	5.989	97	5975m	0.032	ppbv	
34) 2-Butanone	4.790	43	73320	0.550	ppbv	94
36) Benzene	6.362	78	282516	1.284	ppbv	95
44) 2,2,4-Trimethylpentane	7.324	57	233586	0.649	ppbv #	85
52) Tetrachloroethene	10.619	164	14335m	0.207	ppbv	
53) Toluene	9.214	91	1154945	4.983	ppbv	100
58) Ethyl Benzene	12.086	91	467586	1.570	ppbv	99
59) m/p-Xylene	12.336	91	1570628	5.739	ppbv	95
60) o-Xylene	13.053	91	626754	2.414	ppbv	98
62) Isopropylbenzene	14.028	105	131841	0.342	ppbv	99
64) n-propylbenzene	14.918	120	25595m	0.261	ppbv	
72) 4-Ethyltoluene	15.185	105	169786	0.581	ppbv #	97
73) 1,3,5-Trimethylbenzene	15.346	105	126894	0.491	ppbv	99
74) 1,2,4-Trimethylbenzene	16.105	105	643138	2.115	ppbv #	69

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

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