

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062223\
 Data File : VL040503.D
 Acq On : 23 Jun 2023 11:32
 Operator : SY/MD
 Sample : 03397-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-3

Manual Integrations
 APPROVED

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

Quant Time: Jun 26 02:16:02 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	5.185	49	1026651	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2728792	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2398674	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1850229	9.346	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.500%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.726	85	44722	0.200	ppbv	98
3) Chlorodifluoromethane	2.671	51	32661m	0.194	ppbv	
4) Chloromethane	2.806	50	26254	0.403	ppbv #	86
9) Propene	2.690	41	119585	2.306	ppbv	88
10) Heptane	7.574	43	512929	4.370	ppbv	99
11) Trichlorofluoromethane	3.562	101	52460	0.288	ppbv	98
13) Ethanol	3.227	45	1088244	101.347	ppbv	100
15) Acetone	3.462	43	4720749m	38.123	ppbv	
17) tert-Butyl alcohol	3.883	59	96196	0.945	ppbv #	1
19) Isopropyl Alcohol	3.571	45	61435	1.029	ppbv #	1
20) Methylene Chloride	3.931	84	66639	1.261	ppbv	96
26) Hexane	5.208	57	1412129	13.291	ppbv #	42
27) Carbon Disulfide	4.118	76	90254	0.679	ppbv #	88
29) Chloroform	5.272	83	37193m	0.205	ppbv	
30) Cyclohexane	6.594	84	229913	2.685	ppbv	99
32) 1,1,1-Trichloroethane	6.002	97	22173m	0.124	ppbv	
34) 2-Butanone	4.780	43	315292	2.396	ppbv	96
36) Benzene	6.365	78	1271519	5.858	ppbv	98
44) 2,2,4-Trimethylpentane	7.320	57	1128918	3.183	ppbv #	85
52) Tetrachloroethene	10.610	164	69367	1.018	ppbv	92
53) Toluene	9.211	91	5114423	22.371	ppbv	99
58) Ethyl Benzene	12.079	91	2405978	8.278	ppbv	97
59) m/p-Xylene	12.336	91	7069675	26.469	ppbv	92
60) o-Xylene	13.050	91	2960678	11.686	ppbv	99
61) Styrene	12.892	104	58467m	0.536	ppbv	
62) Isopropylbenzene	14.021	105	739853	1.965	ppbv	99
64) n-propylbenzene	14.908	120	150045	1.569	ppbv	90
67) sec-Butylbenzene	16.625	105	50147m	0.106	ppbv	
70) n-Butylbenzene	17.879	91	204874m	0.490	ppbv	
72) 4-Ethyltoluene	15.182	105	895533	3.138	ppbv	98
73) 1,3,5-Trimethylbenzene	15.343	105	710323	2.817	ppbv	98
74) 1,2,4-Trimethylbenzene	16.095	105	3068226	10.341	ppbv #	70
79) Naphthalene	21.378	128	184254	1.078	ppbv	96
80) Naphthalene,2-methyl-	24.361	142	18574m	0.362	ppbv	

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

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