

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091823\
 Data File : VL040714.D
 Acq On : 19 Sep 2023 1:05
 Operator : SY/MD
 Sample : 04471-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/19/2023
 Supervised By : Mahesh Dadoda 09/19/2023

Quant Time: Sep 19 05:24:59 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M

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

QLast Update : Tue Sep 19 05:12:43 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1379565	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	3725187	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	3146210	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	2315642	9.526	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.739	85	121998	0.401	ppbv	94
3) Chlorodifluoromethane	2.681	51	44540m	0.198	ppbv	
4) Chloromethane	2.822	50	43115	0.501	ppbv	91
10) Heptane	7.584	43	69289m	0.475	ppbv	
11) Trichlorofluoromethane	3.571	101	43258	0.162	ppbv	87
13) Ethanol	3.247	45	550662	28.734	ppbv	96
15) Acetone	3.475	43	1498072	8.233	ppbv	94
19) Isopropyl Alcohol	3.597	45	120947	1.103	ppbv #	1
20) Methylene Chloride	3.941	84	1369373	13.982	ppbv	95
26) Hexane	5.221	57	1161977	8.373	ppbv #	38
34) 2-Butanone	4.800	43	93279	0.498	ppbv	100
35) Carbon Tetrachloride	6.497	117	13283m	0.052	ppbv	
36) Benzene	6.372	78	116128m	0.421	ppbv	
44) 2,2,4-Trimethylpentane	7.336	57	314531	0.716	ppbv #	86
53) Toluene	9.227	91	1617923	5.555	ppbv	99
58) Ethyl Benzene	12.095	91	2009484	5.602	ppbv	99
59) m/p-Xylene	12.349	91	4154445	12.334	ppbv	94
60) o-Xylene	13.063	91	1447736	4.507	ppbv	98
62) Isopropylbenzene	14.034	105	79496	0.164	ppbv #	64
72) 4-Ethyltoluene	15.201	105	212772	0.591	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.362	105	185660	0.572	ppbv	91
74) 1,2,4-Trimethylbenzene	16.114	105	613704	1.552	ppbv #	62

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

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