

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031623\
 Data File : VL040293.D
 Acq On : 16 Mar 2023 13:13
 Operator : SY/MD
 Sample : 01933-02DUP 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-2DUP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023

Quant Time: Mar 17 04:14:16 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Wed Mar 15 16:14:43 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1069873	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2794843	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2562391	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	2055683	9.580	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.722	85	36565	0.174	ppbv	97
3) Chlorodifluoromethane	2.674	51	37272	0.277	ppbv #	89
4) Chloromethane	2.809	50	9345	0.112	ppbv	97
9) Propene	2.700	41	15446	0.300	ppbv #	73
10) Heptane	7.578	43	126935	1.024	ppbv	98
13) Ethanol	3.234	45	2426556	641.944	ppbv	99
15) Acetone	3.462	43	1336677	10.262	ppbv	97
20) Methylene Chloride	3.928	84	1665123	30.388	ppbv	98
26) Hexane	5.208	57	961599	9.607	ppbv #	42
34) 2-Butanone	4.783	43	593318	4.301	ppbv	99
36) Benzene	6.365	78	159082	0.747	ppbv	99
41) Tetrahydrofuran	5.558	42	110202	1.384	ppbv	99
44) 2,2,4-Trimethylpentane	7.324	57	1155534	3.254	ppbv	92
50) 4-Methyl-2-Pentanone	8.192	43	112347	0.526	ppbv	97
52) Tetrachloroethene	10.616	164	78471m	1.218	ppbv	
53) Toluene	9.221	91	3131722	14.031	ppbv	98
58) Ethyl Benzene	12.089	91	856883	2.937	ppbv	98
59) m/p-Xylene	12.346	91	2745084	10.270	ppbv	94
60) o-Xylene	13.060	91	1115738	4.367	ppbv	99
62) Isopropylbenzene	14.027	105	73402	0.202	ppbv	98
64) n-propylbenzene	14.918	120	54044m	0.607	ppbv	
65) tert-Butylbenzene	16.111	119	114783	0.366	ppbv #	61
72) 4-Ethyltoluene	15.191	105	337041	1.206	ppbv	99
73) 1,3,5-Trimethylbenzene	15.352	105	274398	1.084	ppbv	96
74) 1,2,4-Trimethylbenzene	16.108	105	1097396	3.803	ppbv #	70

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

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