

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031623\
 Data File : VL040295.D
 Acq On : 16 Mar 2023 14:27
 Operator : SY/MD
 Sample : 01933-03 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

Quant Time: Mar 17 04:14:40 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							03/17/2023
1) Bromochloromethane	5.189	49	1060576	10.000	ppbv	0.00	Supervised By : Mahesh
33) 1,4-Difluorobenzene	6.655	114	2720887	10.000	ppbv	0.00	adoda
55) Chlorobenzene-d5	11.468	117	2554297	10.000	ppbv	0.00	
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.780	95	2119413	9.908	ppbv	0.00	03/17/2023
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.100%	
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.729	85	44994	0.216	ppbv	96	
3) Chlorodifluoromethane	2.677	51	22317	0.167	ppbv	92	
4) Chloromethane	2.809	50	8994	0.109	ppbv	92	
9) Propene	2.706	41	18309	0.358	ppbv #	79	
10) Heptane	7.584	43	65129m	0.530	ppbv		
13) Ethanol	3.237	45	1365099	364.302	ppbv	97	
15) Acetone	3.465	43	1021242	7.909	ppbv	99	
20) Methylene Chloride	3.931	84	2111869	38.879	ppbv	96	
26) Hexane	5.211	57	1120794	11.296	ppbv #	40	
34) 2-Butanone	4.787	43	390933	2.911	ppbv	99	
36) Benzene	6.369	78	74978	0.362	ppbv	95	
41) Tetrahydrofuran	5.562	42	99039	1.278	ppbv	96	
44) 2,2,4-Trimethylpentane	7.327	57	722492	2.090	ppbv	92	
50) 4-Methyl-2-Pentanone	8.195	43	123348	0.594	ppbv	97	
52) Tetrachloroethene	10.619	164	49435	0.788	ppbv	83	
53) Toluene	9.221	91	1733643	7.978	ppbv	98	
58) Ethyl Benzene	12.092	91	624481	2.147	ppbv	98	
59) m/p-Xylene	12.346	91	2053987	7.709	ppbv	95	
60) o-Xylene	13.060	91	898336	3.527	ppbv	100	
62) Isopropylbenzene	14.034	105	61456	0.169	ppbv	93	
64) n-propylbenzene	14.924	120	48466	0.546	ppbv	88	
65) tert-Butylbenzene	16.105	119	109051m	0.349	ppbv		
72) 4-Ethyltoluene	15.198	105	309894	1.113	ppbv	98	
73) 1,3,5-Trimethylbenzene	15.352	105	256107	1.015	ppbv	94	
74) 1,2,4-Trimethylbenzene	16.111	105	1041026	3.619	ppbv #	70	
79) Naphthalene	21.397	128	137001m	0.805	ppbv		

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

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