

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031623\
 Data File : VL040292.D
 Acq On : 16 Mar 2023 12:36
 Operator : SY/MD
 Sample : 01933-02 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-2

Manual Integrations
 APPROVED

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

Quant Time: Mar 17 04:14:03 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	5.188	49	1052672	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2647543	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2525812	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	2039863	9.644	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.726	85	38518	0.186	ppbv	93
3) Chlorodifluoromethane	2.668	51	27731m	0.209	ppbv	
4) Chloromethane	2.809	50	8682	0.106	ppbv	100
9) Propene	2.700	41	16221	0.320	ppbv #	77
10) Heptane	7.577	43	134021	1.099	ppbv	94
11) Trichlorofluoromethane	3.558	101	18079	0.097	ppbv	95
13) Ethanol	3.230	45	2513761	675.881	ppbv	97
15) Acetone	3.462	43	1402645	10.945	ppbv	96
20) Methylene Chloride	3.928	84	1253502	23.250	ppbv	96
26) Hexane	5.211	57	581386	5.903	ppbv #	50
34) 2-Butanone	4.777	43	670556	5.132	ppbv	100
35) Carbon Tetrachloride	6.500	117	5373m	0.032	ppbv	
36) Benzene	6.369	78	168045	0.833	ppbv	97
41) Tetrahydrofuran	5.558	42	120846	1.602	ppbv	97
44) 2,2,4-Trimethylpentane	7.323	57	1291310	3.839	ppbv	92
50) 4-Methyl-2-Pentanone	8.185	43	127147	0.629	ppbv	97
52) Tetrachloroethene	10.609	164	84455	1.384	ppbv	94
53) Toluene	9.217	91	3514922	16.624	ppbv	98
58) Ethyl Benzene	12.089	91	954606	3.319	ppbv	100
59) m/p-Xylene	12.343	91	3101950	11.774	ppbv	95
60) o-Xylene	13.060	91	1247659	4.954	ppbv	100
62) Isopropylbenzene	14.031	105	79945	0.223	ppbv	99
64) n-propylbenzene	14.908	120	61475m	0.700	ppbv	
65) tert-Butylbenzene	16.111	119	129058m	0.418	ppbv	
67) sec-Butylbenzene	16.638	105	33481	0.076	ppbv	95
72) 4-Ethyltoluene	15.188	105	381512	1.385	ppbv	99
73) 1,3,5-Trimethylbenzene	15.349	105	309298	1.240	ppbv	98
74) 1,2,4-Trimethylbenzene	16.108	105	1222992	4.300	ppbv #	71

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

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