

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022123\
 Data File : VL040196.D
 Acq On : 21 Feb 2023 15:50
 Operator : SY/MD
 Sample : 01626-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-11

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023

Quant Time: Feb 22 03:23:33 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M

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

QLast Update : Wed Feb 22 03:17:31 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.205	49	869772	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2205721	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.491	117	1941026	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.806	95	1599167	10.019	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.732	85	56586	0.349	ppbv	92
3) Chlorodifluoromethane	2.678	51	120817m	1.163	ppbv	
4) Chloromethane	2.816	50	30379	0.465	ppbv	95
9) Propene	2.703	41	108476	2.561	ppbv	85
10) Heptane	7.594	43	29392m	0.292	ppbv	
11) Trichlorofluoromethane	3.568	101	29723	0.204	ppbv	90
13) Ethanol	3.240	45	1536215	394.000	ppbv	94
15) Acetone	3.475	43	774449m	7.396	ppbv	
17) tert-Butyl alcohol	3.899	59	13631m	0.143	ppbv	
19) Isopropyl Alcohol	3.584	45	2044615	41.075	ppbv #	95
20) Methylene Chloride	3.941	84	121628	2.231	ppbv	97
25) Ethyl Acetate	5.224	43	139643	0.717	ppbv #	94
26) Hexane	5.227	57	118190m	1.414	ppbv	
30) Cyclohexane	6.623	84	10979m	0.167	ppbv	
34) 2-Butanone	4.803	43	44365m	0.408	ppbv	
35) Carbon Tetrachloride	6.507	117	8860m	0.068	ppbv	
36) Benzene	6.388	78	166743	0.971	ppbv	95
44) 2,2,4-Trimethylpentane	7.349	57	107312	0.375	ppbv #	87
50) 4-Methyl-2-Pentanone	8.224	43	18638m	0.110	ppbv	
52) Tetrachloroethene	10.635	164	9615m	0.179	ppbv	
53) Toluene	9.243	91	426310	2.319	ppbv	99
58) Ethyl Benzene	12.114	91	73953	0.314	ppbv	93
59) m/p-Xylene	12.372	91	199366m	0.954	ppbv	
60) o-Xylene	13.089	91	72966	0.363	ppbv	100
74) 1,2,4-Trimethylbenzene	16.130	105	67338m	0.297	ppbv	

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

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