

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021323\
 Data File : VL040164.D
 Acq On : 13 Feb 2023 17:31
 Operator : SY/MD
 Sample : 01530-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-06

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/14/2023
 Supervised By : Mahesh Dadoda 02/14/2023

Quant Time: Feb 14 01:47:37 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M

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

QLast Update : Tue Feb 14 01:41:11 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	834376	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	2166716	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.497	117	1926444	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.806	95	1575318	9.839	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.735	85	62003	0.424	ppbv	98
3) Chlorodifluoromethane	2.678	51	39809m	0.398	ppbv	
4) Chloromethane	2.816	50	14081	0.228	ppbv #	85
9) Propene	2.700	41	1091631	26.254	ppbv	84
10) Heptane	7.607	43	442129	4.614	ppbv	97
11) Trichlorofluoromethane	3.571	101	47716	0.327	ppbv	95
13) Ethanol	3.243	45	245635	64.183	ppbv	98
15) Acetone	3.475	43	1033132	10.324	ppbv #	58
17) tert-Butyl alcohol	3.893	59	351569	3.773	ppbv	97
19) Isopropyl Alcohol	3.587	45	148896	3.041	ppbv #	1
20) Methylene Chloride	3.944	84	221664	5.021	ppbv	95
26) Hexane	5.230	57	910854	11.806	ppbv #	37
27) Carbon Disulfide	4.137	76	431889	4.321	ppbv	98
29) Chloroform	5.292	83	96305	0.781	ppbv	99
30) Cyclohexane	6.623	84	119366m	1.946	ppbv	
34) 2-Butanone	4.803	43	298200	2.910	ppbv	93
35) Carbon Tetrachloride	6.517	117	9606m	0.078	ppbv	
36) Benzene	6.388	78	136061	0.849	ppbv	98
44) 2,2,4-Trimethylpentane	7.349	57	291867	1.095	ppbv #	72
50) 4-Methyl-2-Pentanone	8.208	43	51269m	0.318	ppbv	
51) 2-Hexanone	9.574	43	354234m	2.900	ppbv	
52) Tetrachloroethene	10.635	164	4131m	0.079	ppbv	
53) Toluene	9.250	91	681951	3.988	ppbv	99
58) Ethyl Benzene	12.124	91	164663	0.766	ppbv	93
59) m/p-Xylene	12.375	91	544133	2.815	ppbv	96
60) o-Xylene	13.089	91	221208	1.206	ppbv	99
64) n-propylbenzene	14.950	120	16406m	0.250	ppbv	
72) 4-Ethyltoluene	15.227	105	82356	0.405	ppbv #	94
73) 1,3,5-Trimethylbenzene	15.381	105	67209m	0.367	ppbv	
74) 1,2,4-Trimethylbenzene	16.140	105	255293	1.257	ppbv #	67

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

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