

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021323\
 Data File : VL040165.D
 Acq On : 13 Feb 2023 18:11
 Operator : SY/MD
 Sample : 01530-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-01

Manual Integrations
 APPROVED

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

Quant Time: Feb 14 01:48:08 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	917692	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2462029	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.497	117	2143927	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.806	95	1612130	9.048	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	90.500%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.735	85	65394	0.406	ppbv	94
3) Chlorodifluoromethane	2.681	51	38980m	0.354	ppbv	
4) Chloromethane	2.816	50	35451	0.521	ppbv	96
7) Chloroethane	3.205	64	20378	0.924	ppbv	96
9) Propene	2.697	41	1940514	42.432	ppbv	91
10) Heptane	7.603	43	198113	1.880	ppbv	100
11) Trichlorofluoromethane	3.571	101	32101	0.200	ppbv	99
13) Ethanol	3.243	45	181333	43.080	ppbv	98
15) Acetone	3.472	43	1333237	12.114	ppbv #	73
17) tert-Butyl alcohol	3.890	59	433769	4.232	ppbv	98
19) Isopropyl Alcohol	3.587	45	173726	3.226	ppbv #	1
20) Methylene Chloride	3.941	84	227521	4.686	ppbv	92
26) Hexane	5.230	57	466837	5.502	ppbv #	36
27) Carbon Disulfide	4.134	76	33930	0.309	ppbv #	66
29) Chloroform	5.291	83	15995m	0.118	ppbv	
30) Cyclohexane	6.623	84	68454	1.015	ppbv	90
34) 2-Butanone	4.803	43	308888	2.652	ppbv	99
35) Carbon Tetrachloride	6.516	117	19251m	0.138	ppbv	
36) Benzene	6.388	78	157594	0.865	ppbv	95
44) 2,2,4-Trimethylpentane	7.349	57	262705	0.867	ppbv #	84
50) 4-Methyl-2-Pentanone	8.221	43	21359	0.117	ppbv #	81
51) 2-Hexanone	9.577	43	165582m	1.193	ppbv	
52) Tetrachloroethene	10.642	164	4696m	0.079	ppbv	
53) Toluene	9.249	91	431661	2.221	ppbv	100
58) Ethyl Benzene	12.114	91	120602	0.504	ppbv	98
59) m/p-Xylene	12.371	91	368368	1.712	ppbv	96
60) o-Xylene	13.085	91	150078	0.735	ppbv	98
64) n-propylbenzene	14.937	120	10009m	0.137	ppbv	
72) 4-Ethyltoluene	15.223	105	50391m	0.222	ppbv	
73) 1,3,5-Trimethylbenzene	15.384	105	40588m	0.199	ppbv	
74) 1,2,4-Trimethylbenzene	16.137	105	140963	0.624	ppbv #	69

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

Manual Integrations

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