

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020623\
 Data File : VL040152.D
 Acq On : 6 Feb 2023 19:03
 Operator : SY/MD
 Sample : 01438-06
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA3

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/07/2023
 Supervised By : Mahesh Dadoda 02/08/2023

Quant Time: Feb 07 05:58:14 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 Jan 31 05:24:57 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	859096	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	2213528	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	1906352	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1474873	9.309	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.100%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.713	85	71783	0.477	ppbv	99
3) Chlorodifluoromethane	2.661	51	28212m	0.274	ppbv	
4) Chloromethane	2.793	50	25096	0.394	ppbv	96
9) Propene	2.677	41	261091	6.099	ppbv	97
10) Heptane	7.568	43	40320m	0.409	ppbv	
11) Trichlorofluoromethane	3.546	101	31495	0.210	ppbv	93
13) Ethanol	3.224	45	315200	79.990	ppbv	99
15) Acetone	3.452	43	682225m	6.622	ppbv	
19) Isopropyl Alcohol	3.562	45	6216969	123.325	ppbv #	94
20) Methylene Chloride	3.918	84	1481412	32.590	ppbv	97
26) Hexane	5.198	57	511847	6.444	ppbv #	37
30) Cyclohexane	6.584	84	14711m	0.233	ppbv	
34) 2-Butanone	4.777	43	39422m	0.377	ppbv	
35) Carbon Tetrachloride	6.468	117	8384m	0.067	ppbv	
36) Benzene	6.356	78	409584	2.500	ppbv	99
44) 2,2,4-Trimethylpentane	7.314	57	80139	0.294	ppbv #	76
53) Toluene	9.208	91	540154	3.092	ppbv	99
58) Ethyl Benzene	12.082	91	143842	0.676	ppbv	98
59) m/p-Xylene	12.333	91	359002	1.877	ppbv	96
60) o-Xylene	13.050	91	128054	0.705	ppbv	99
61) Styrene	12.896	104	10293m	0.109	ppbv	
69) p-Isopropyltoluene	16.979	119	26905m	0.108	ppbv	
70) n-Butylbenzene	17.892	91	27600m	0.103	ppbv	
72) 4-Ethyltoluene	15.182	105	44195m	0.219	ppbv	
73) 1,3,5-Trimethylbenzene	15.342	105	34285m	0.189	ppbv	
74) 1,2,4-Trimethylbenzene	16.101	105	152327	0.758	ppbv #	67
79) Naphthalene	21.384	128	28351m	0.246	ppbv	

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

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