

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090723\
 Data File : VL040671.D
 Acq On : 7 Sep 2023 14:17
 Operator : SY/MD
 Sample : 04323-02DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2023
 Supervised By :Mahesh Dadoda 09/11/2023

Quant Time: Sep 07 14:47:08 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M

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

QLast Update : Wed Aug 16 05:43:50 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1019320	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2610865	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2260606	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1858904	10.340	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.722	85	63113	0.287	ppbv	95
3) Chlorodifluoromethane	2.661	51	61215m	0.366	ppbv	
4) Chloromethane	2.806	50	33165	0.508	ppbv	92
9) Propene	2.690	41	64183m	1.238	ppbv	
10) Heptane	7.581	43	51857m	0.434	ppbv	
11) Trichlorofluoromethane	3.555	101	59986	0.338	ppbv	97
13) Ethanol	3.234	45	100415	6.938	ppbv	96
15) Acetone	3.456	43	5376992	43.127	ppbv	98
17) tert-Butyl alcohol	3.880	59	94779	0.717	ppbv	97
20) Methylene Chloride	3.928	84	1493132	24.507	ppbv	95
25) Ethyl Acetate	5.205	43	901310	3.849	ppbv #	93
26) Hexane	5.214	57	710309	6.270	ppbv #	63
29) Chloroform	5.272	83	22908	0.128	ppbv	88
30) Cyclohexane	6.610	84	9275m	0.107	ppbv	
31) cis-1,2-Dichloroethene	5.076	61	10601m	0.104	ppbv	
34) 2-Butanone	4.790	43	114622	0.871	ppbv	98
35) Carbon Tetrachloride	6.500	117	12018m	0.074	ppbv	
36) Benzene	6.375	78	87887	0.423	ppbv	97
38) Trichloroethene	7.304	130	8985m	0.112	ppbv	
43) Methyl Methacrylate	7.478	69	37559m	0.483	ppbv	
52) Tetrachloroethene	10.626	164	2399133	36.882	ppbv	99
53) Toluene	9.230	91	379348	1.719	ppbv	100
58) Ethyl Benzene	12.102	91	59230	0.217	ppbv	97
59) m/p-Xylene	12.349	91	168128m	0.676	ppbv	
60) o-Xylene	13.066	91	70947	0.301	ppbv	100
61) Styrene	12.909	104	20501m	0.199	ppbv	
73) 1,3,5-Trimethylbenzene	15.365	105	38134m	0.160	ppbv	
74) 1,2,4-Trimethylbenzene	16.121	105	111637	0.402	ppbv #	68

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

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