

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091823\
 Data File : VL040711.D
 Acq On : 18 Sep 2023 23:02
 Operator : SY/MD
 Sample : 04468-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/19/2023
 Supervised By : Mahesh Dadoda 09/19/2023

Quant Time: Sep 19 05:23:24 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M

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

QLast Update : Tue Sep 19 05:12:43 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	1160841	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	3027064	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2588342	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1965449	9.828	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.300%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.738	85	114386	0.447	ppbv	96
3) Chlorodifluoromethane	2.681	51	207922m	1.099	ppbv	
4) Chloromethane	2.819	50	35930	0.496	ppbv	98
9) Propene	2.713	41	1426251m	26.179	ppbv	
10) Heptane	7.587	43	50899	0.415	ppbv	98
11) Trichlorofluoromethane	3.568	101	46788	0.208	ppbv	92
12) 1,1,2-Trichlorotrifluo...	4.079	101	10719m	0.067	ppbv	
13) Ethanol	3.250	45	626339	38.841	ppbv	95
15) Acetone	3.472	43	18054540	117.912	ppbv #	67
17) tert-Butyl alcohol	3.896	59	58705	0.374	ppbv #	71
19) Isopropyl Alcohol	3.587	45	1279858	13.872	ppbv #	93
20) Methylene Chloride	3.944	84	1067969	12.959	ppbv	98
25) Ethyl Acetate	5.214	43	1592407	6.448	ppbv #	97
26) Hexane	5.221	57	785621	6.728	ppbv	89
29) Chloroform	5.285	83	77265	0.383	ppbv	92
34) 2-Butanone	4.796	43	409876	2.692	ppbv	97
35) Carbon Tetrachloride	6.507	117	13922m	0.067	ppbv	
36) Benzene	6.378	78	55325	0.247	ppbv #	86
37) 1,2-Dichloroethane	5.812	62	66598	0.434	ppbv	99
38) Trichloroethene	7.307	130	6475m	0.076	ppbv	
43) Methyl Methacrylate	7.481	69	931735	11.183	ppbv	99
50) 4-Methyl-2-Pentanone	8.192	43	23353m	0.114	ppbv	
52) Tetrachloroethene	10.619	164	40679	0.556	ppbv #	80
53) Toluene	9.227	91	1225875	5.180	ppbv	99
58) Ethyl Benzene	12.098	91	1756877	5.954	ppbv	99
59) m/p-Xylene	12.352	91	7376671	26.621	ppbv	94
60) o-Xylene	13.066	91	2541564	9.618	ppbv	100
61) Styrene	12.908	104	357500	3.228	ppbv	98
73) 1,3,5-Trimethylbenzene	15.352	105	79118m	0.296	ppbv	
74) 1,2,4-Trimethylbenzene	16.111	105	328272m	1.009	ppbv	
76) 1,4-Dichlorobenzene	16.481	146	49503	0.271	ppbv	83

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

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