

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092723\
 Data File : VL040726.D
 Acq On : 27 Sep 2023 14:07
 Operator : SY/MD
 Sample : 04616-02DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSG1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/28/2023
 Supervised By :Mahesh Dadoda 09/28/2023

Quant Time: Sep 28 01:44:15 2023

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri 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	5.179	49	1263312	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.635	114	3505081	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.442	117	3038179	10.000	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.751 95 2297650 9.788 ppbv -0.04
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.729	85	27968	0.100	ppbv	92
3) Chlorodifluoromethane	2.677	51	18415m	0.089	ppbv	
4) Chloromethane	2.819	50	9407	0.119	ppbv #	85
9) Propene	2.710	41	37754	0.637	ppbv #	76
10) Heptane	7.561	43	17719m	0.133	ppbv	
11) Trichlorofluoromethane	3.555	101	15765	0.064	ppbv	85
13) Ethanol	3.234	45	492627	28.072	ppbv	99
15) Acetone	3.462	43	4211041	25.271	ppbv	95
17) tert-Butyl alcohol	3.883	59	69856	0.409	ppbv	100
19) Isopropyl Alcohol	3.574	45	452160	4.503	ppbv #	1
20) Methylene Chloride	3.928	84	982129	10.950	ppbv	97
26) Hexane	5.198	57	766580	6.032	ppbv #	37
27) Carbon Disulfide	4.118	76	50732	0.286	ppbv #	91
34) 2-Butanone	4.777	43	222744	1.264	ppbv	93
36) Benzene	6.356	78	30778	0.119	ppbv	97
41) Tetrahydrofuran	5.552	42	65817m	0.728	ppbv	
50) 4-Methyl-2-Pentanone	8.176	43	30687m	0.129	ppbv	
53) Toluene	9.201	91	184132	0.672	ppbv	99
58) Ethyl Benzene	12.063	91	64253	0.185	ppbv	94
59) m/p-Xylene	12.327	91	193314m	0.594	ppbv	
60) o-Xylene	13.034	91	58154m	0.187	ppbv	
61) Styrene	12.873	104	231426	1.780	ppbv	94
62) Isopropylbenzene	14.005	105	707563	1.511	ppbv	100
74) 1,2,4-Trimethylbenzene	16.082	105	54768	0.143	ppbv #	59

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

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