

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122123\
 Data File : VL040934.D
 Acq On : 21 Dec 2023 17:50
 Operator : SY/MD
 Sample : 05813-05DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 10323DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/22/2023
 Supervised By : Mahesh Dadoda 12/26/2023

Quant Time: Dec 22 00:09:18 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M

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

QLast Update : Thu Dec 21 07:32:42 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.188	49	1221943	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.639	114	3039457	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.436	117	2663511	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.744 95 1993831 10.163 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.754	85	26829	0.115	ppbv #	82
3) Chlorodifluoromethane	2.674	51	44902	0.244	ppbv #	59
9) Propene	2.725	41	29597m	0.488	ppbv	
10) Heptane	7.561	43	35671m	0.237	ppbv	
13) Ethanol	3.256	45	310602	20.292	ppbv	97
15) Acetone	3.488	43	345400	2.357	ppbv	93
19) Isopropyl Alcohol	3.587	45	2354693	30.792	ppbv #	99
20) Methylene Chloride	3.944	84	302020	5.782	ppbv	97
25) Ethyl Acetate	5.211	43	307731	1.212	ppbv #	81
26) Hexane	5.211	57	399045	3.546	ppbv #	43
27) Carbon Disulfide	4.131	76	15474	0.102	ppbv #	76
30) Cyclohexane	6.587	84	15671m	0.167	ppbv	
34) 2-Butanone	4.793	43	28127m	0.175	ppbv	
36) Benzene	6.359	78	44117	0.186	ppbv	96
44) 2,2,4-Trimethylpentane	7.311	57	81360	0.202	ppbv #	84
53) Toluene	9.198	91	153210	0.582	ppbv	97
58) Ethyl Benzene	12.060	91	32756	0.096	ppbv	90
59) m/p-Xylene	12.314	91	94773m	0.326	ppbv	
60) o-Xylene	13.021	91	29431m	0.107	ppbv	
74) 1,2,4-Trimethylbenzene	16.075	105	27811m	0.096	ppbv	

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

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