

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122123\
 Data File : VL040930.D
 Acq On : 21 Dec 2023 15:13
 Operator : SY/MD
 Sample : 05813-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 10492

Manual Integrations
 APPROVED

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

Quant Time: Dec 22 00:07:34 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	5.182	49	1094081	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	2732928	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	2287832	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.748	95	1682061	9.981	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.742	85	110639	0.531	ppbv	99
3) Chlorodifluoromethane	2.668	51	369656	2.245	ppbv #	64
4) Chloromethane	2.822	50	29871m	0.492	ppbv	
9) Propene	2.719	41	72104m	1.327	ppbv	
11) Trichlorofluoromethane	3.568	101	37182	0.228	ppbv	88
13) Ethanol	3.250	45	166980	12.184	ppbv	100
15) Acetone	3.475	43	1125501	8.577	ppbv	98
19) Isopropyl Alcohol	3.578	45	2886844	42.163	ppbv #	98
20) Methylene Chloride	3.938	84	238605	5.101	ppbv	93
22) trans-1,2-Dichloroethene	4.439	96	5986m	0.100	ppbv	
25) Ethyl Acetate	5.205	43	176302	0.775	ppbv #	81
26) Hexane	5.205	57	218397	2.167	ppbv #	43
34) 2-Butanone	4.787	43	28304	0.196	ppbv #	85
35) Carbon Tetrachloride	6.481	117	12830m	0.075	ppbv	
36) Benzene	6.359	78	41693	0.195	ppbv #	87
52) Tetrachloroethene	10.597	164	3813m	0.053	ppbv	
53) Toluene	9.201	91	138966m	0.587	ppbv	
58) Ethyl Benzene	12.063	91	31329m	0.107	ppbv	
59) m/p-Xylene	12.317	91	73170m	0.293	ppbv	
60) o-Xylene	13.031	91	26282m	0.112	ppbv	
73) 1,3,5-Trimethylbenzene	15.326	105	22160m	0.099	ppbv	
74) 1,2,4-Trimethylbenzene	16.088	105	47328m	0.191	ppbv	

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

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