

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062223\
 Data File : VL040494.D
 Acq On : 22 Jun 2023 20:46
 Operator : SY/MD
 Sample : 03300-02 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/26/2023
 Supervised By :Mahesh Dadoda 06/27/2023

Quant Time: Jun 23 01:32:19 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M

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

QLast Update : Tue Jun 06 06:22:12 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.179	49	973859	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.642	114	2463755	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.455	117	2481408	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2040579	9.964	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.722	85	23211	0.110	ppbv	92
9) Propene	2.693	41	154592m	3.143	ppbv	
10) Heptane	7.568	43	80414	0.722	ppbv	96
11) Trichlorofluoromethane	3.549	101	25062m	0.145	ppbv	
13) Ethanol	3.227	45	1620214	159.068	ppbv	99
15) Acetone	3.455	43	1666112	14.184	ppbv	100
17) tert-Butyl alcohol	3.873	59	60472	0.626	ppbv	95
19) Isopropyl Alcohol	3.568	45	1976822	34.917	ppbv #	96
20) Methylene Chloride	3.922	84	33218	0.663	ppbv	89
26) Hexane	5.201	57	151247	1.501	ppbv #	52
27) Carbon Disulfide	4.111	76	32022	0.254	ppbv #	82
29) Chloroform	5.262	83	158127	0.921	ppbv	99
34) 2-Butanone	4.777	43	361767	3.045	ppbv	97
36) Benzene	6.359	78	63497	0.324	ppbv	96
41) Tetrahydrofuran	5.555	42	58389	0.899	ppbv	92
50) 4-Methyl-2-Pentanone	8.175	43	75257	0.473	ppbv	97
52) Tetrachloroethene	10.606	164	7436m	0.121	ppbv	
53) Toluene	9.211	91	360578	1.747	ppbv	99
58) Ethyl Benzene	12.079	91	150610	0.501	ppbv	96
59) m/p-Xylene	12.333	91	539743	1.953	ppbv	98
60) o-Xylene	13.043	91	184458	0.704	ppbv	96
61) Styrene	12.889	104	114005	1.011	ppbv	98
74) 1,2,4-Trimethylbenzene	16.101	105	62003m	0.202	ppbv	

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

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