

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080423\
 Data File : VL040587.D
 Acq On : 4 Aug 2023 10:43
 Operator : SY/MD
 Sample : 03858-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1A

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/07/2023
 Supervised By :Mahesh Dadoda 08/07/2023

Quant Time: Aug 05 01:07:30 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 4

QLast Update : Mon Jul 10 16:32:00 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1134759	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.651	114	2764713	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.465	117	2372675	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1958353	10.429	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.719	85	59616	0.263	ppbv #	82
3) Chlorodifluoromethane	2.671	51	67534	0.375	ppbv #	84
4) Chloromethane	2.809	50	38250m	0.537	ppbv	
9) Propene	2.697	41	74777m	1.214	ppbv	
10) Heptane	7.574	43	21546	0.158	ppbv	85
11) Trichlorofluoromethane	3.558	101	44641	0.244	ppbv	92
13) Ethanol	3.237	45	151216m	11.287	ppbv	
15) Acetone	3.465	43	626884	4.799	ppbv	99
20) Methylene Chloride	3.928	84	1183027	21.292	ppbv	98
26) Hexane	5.211	57	1234515	10.686	ppbv #	41
34) 2-Butanone	4.793	43	121347	0.888	ppbv	97
35) Carbon Tetrachloride	6.497	117	14880m	0.089	ppbv	
36) Benzene	6.362	78	32903	0.148	ppbv #	87
52) Tetrachloroethene	10.616	164	36964m	0.513	ppbv	
53) Toluene	9.220	91	67103m	0.278	ppbv	
58) Ethyl Benzene	12.089	91	26916m	0.090	ppbv	
59) m/p-Xylene	12.352	91	101965m	0.384	ppbv	
60) o-Xylene	13.063	91	69943m	0.276	ppbv	
64) n-propylbenzene	14.921	120	38522m	0.392	ppbv	
65) tert-Butylbenzene	16.108	119	168845	0.503	ppbv #	55
67) sec-Butylbenzene	16.641	105	54232m	0.110	ppbv	
72) 4-Ethyltoluene	15.195	105	243117	0.819	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.352	105	378278	1.446	ppbv	90
74) 1,2,4-Trimethylbenzene	16.104	105	1597920	5.239	ppbv #	64
76) 1,4-Dichlorobenzene	16.474	146	1239232	6.835	ppbv	97
79) Naphthalene	21.390	128	257546	0.998	ppbv	99

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

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