

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011923\
 Data File : VL040124.D
 Acq On : 19 Jan 2023 22:04
 Operator : SY/MD
 Sample : 01223-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023

Quant Time: Jan 20 02:10:49 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Mon Jan 16 14:40:47 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	980930	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	6.677	114	2622299	10.000	ppbv	0.03
55) Chlorobenzene-d5	11.500	117	2404734	10.000	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.809 95 1913287 9.573 ppbv 0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 95.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.729	85	75681	0.440	ppbv	97
4) Chloromethane	2.816	50	39236	0.540	ppbv	95
9) Propene	2.693	41	4738828	96.941	ppbv	97
10) Heptane	7.603	43	326894	2.901	ppbv	99
11) Trichlorofluoromethane	3.571	101	44114	0.257	ppbv	97
13) Ethanol	3.247	45	925878	205.782	ppbv	98
15) Acetone	3.472	43	10646125	90.495	ppbv #	82
16) 1,3-Butadiene	2.983	39	1043133	19.019	ppbv #	79
17) tert-Butyl alcohol	3.899	59	178928	1.633	ppbv	97
19) Isopropyl Alcohol	3.591	45	365716	6.354	ppbv #	90
20) Methylene Chloride	3.944	84	3079119	59.326	ppbv	97
26) Hexane	5.230	57	2483642	27.383	ppbv #	42
27) Carbon Disulfide	4.134	76	276364	2.352	ppbv	99
30) Cyclohexane	6.626	84	63322	0.878	ppbv	91
32) 1,1,1-Trichloroethane	6.028	97	20769	0.141	ppbv #	80
34) 2-Butanone	4.800	43	6039279	48.689	ppbv	98
35) Carbon Tetrachloride	6.520	117	4720m	0.032	ppbv	
36) Benzene	6.394	78	3108525	16.019	ppbv	98
38) Trichloroethene	7.314	130	6355m	0.058	ppbv	
41) Tetrahydrofuran	5.574	42	691319	9.656	ppbv	98
44) 2,2,4-Trimethylpentane	7.349	57	103238	0.320	ppbv #	42
50) 4-Methyl-2-Pentanone	8.214	43	127003	0.651	ppbv	97
51) 2-Hexanone	9.574	43	373032	2.524	ppbv #	84
52) Tetrachloroethene	10.645	164	17937m	0.283	ppbv	
53) Toluene	9.249	91	2304816	11.136	ppbv	98
58) Ethyl Benzene	12.121	91	1351138	5.035	ppbv	100
59) m/p-Xylene	12.378	91	3015903	12.499	ppbv	92
60) o-Xylene	13.089	91	846091	3.694	ppbv	97
61) Styrene	12.931	104	57184m	0.479	ppbv	
62) Isopropylbenzene	14.063	105	78702	0.239	ppbv	97
64) n-propylbenzene	14.947	120	34152	0.417	ppbv	97
67) sec-Butylbenzene	16.670	105	44422m	0.111	ppbv	
70) n-Butylbenzene	17.931	91	60865m	0.180	ppbv	
72) 4-Ethyltoluene	15.227	105	179261	0.705	ppbv	96
73) 1,3,5-Trimethylbenzene	15.388	105	160752	0.702	ppbv	97
74) 1,2,4-Trimethylbenzene	16.137	105	547346	2.159	ppbv #	69
79) Naphthalene	21.429	128	60953	0.420	ppbv	97

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

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