

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082224\
 Data File : VL041583.D
 Acq On : 22 Aug 2024 12:14
 Operator : SY/MD
 Sample : P3710-02DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CD131DUP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024
 Supervised By :Mahesh Dadoda 08/23/2024

Quant Time: Aug 23 01:30:38 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 23 01:30:38 2024

QLast Update : Fri Aug 23 01:15:26 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.195	49	965097	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	2561023	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2404218	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1812291	9.795	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.751	85	36020	0.217	ppbv	91
4) Chloromethane	2.835	50	52389	0.857	ppbv	91
9) Propene	2.725	41	215299m	4.079	ppbv	
10) Heptane	7.571	43	78475	0.662	ppbv	# 27
11) Trichlorofluoromethane	3.577	101	36616	0.248	ppbv	97
13) Ethanol	3.253	45	3438864	729.008	ppbv	97
15) Acetone	3.475	43	4142910	37.781	ppbv	# 84
17) tert-Butyl alcohol	3.896	59	213398m	2.134	ppbv	
19) Isopropyl Alcohol	3.590	45	3745943	58.433	ppbv	# 98
20) Methylene Chloride	3.941	84	177778	4.348	ppbv	96
22) trans-1,2-Dichloroethene	4.452	96	14511	0.320	ppbv	92
25) Ethyl Acetate	5.201	43	2661281	12.216	ppbv	# 76
26) Hexane	5.214	57	187510	2.075	ppbv	# 1
27) Carbon Disulfide	4.134	76	73367	0.694	ppbv	# 94
29) Chloroform	5.275	83	69511	0.472	ppbv	88
30) Cyclohexane	6.600	84	64026	0.870	ppbv	95
34) 2-Butanone	4.790	43	596142	4.812	ppbv	98
35) Carbon Tetrachloride	6.497	117	9781m	0.069	ppbv	
36) Benzene	6.372	78	107090	0.572	ppbv	# 91
37) 1,2-Dichloroethane	5.809	62	132247	1.263	ppbv	# 96
38) Trichloroethene	7.285	130	5457m	0.064	ppbv	
43) Methyl Methacrylate	7.468	69	56845	0.847	ppbv	91
44) 2,2,4-Trimethylpentane	7.323	57	1700294	5.440	ppbv	98
50) 4-Methyl-2-Pentanone	8.182	43	91510	0.468	ppbv	93
52) Tetrachloroethene	10.606	164	123619	1.710	ppbv	95
53) Toluene	9.217	91	10549859	50.613	ppbv	94
58) Ethyl Benzene	12.076	91	541872	1.955	ppbv	95
59) m/p-Xylene	12.333	91	926655	3.874	ppbv	96
60) o-Xylene	13.047	91	369237	1.632	ppbv	100
61) Styrene	12.883	104	418547	4.100	ppbv	99
69) p-Isopropyltoluene	16.985	119	63023m	0.177	ppbv	
74) 1,2,4-Trimethylbenzene	16.091	105	71820m	0.269	ppbv	
79) Naphthalene	21.381	128	31004m	0.132	ppbv	

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

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