

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081924\
 Data File : VL041554.D
 Acq On : 19 Aug 2024 19:24
 Operator : SY/MD
 Sample : P3658-05 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/20/2024
 Supervised By :Mahesh Dadoda 08/20/2024

Quant Time: Aug 20 02:21:46 2024

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

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

QLast Update : Tue Aug 20 02:10:04 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	1054218	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	2772046	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.491	117	2565571	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.789	95	3459501	17.522	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	175.200%#
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	2.693	51	189433	1.509	ppbv	96
9) Propene	2.722	41	9370589m	162.537	ppbv	
10) Heptane	7.603	43	214704	1.657	ppbv	98
13) Ethanol	3.253	45	244511	47.452	ppbv	96
15) Acetone	3.478	43	5177995	43.229	ppbv	# 63
19) Isopropyl Alcohol	3.594	45	297039	4.242	ppbv	# 93
20) Methylene Chloride	3.951	84	60076	1.345	ppbv	97
26) Hexane	5.234	57	1576904	15.974	ppbv	# 38
27) Carbon Disulfide	4.144	76	193046	1.672	ppbv	99
28) Methyl tert-Butyl Ether	4.607	73	34331m	0.551	ppbv	
30) Cyclohexane	6.623	84	474877	5.907	ppbv	94
34) 2-Butanone	4.799	43	2614625	19.499	ppbv	98
36) Benzene	6.391	78	322976	1.595	ppbv	96
38) Trichloroethene	7.314	130	11845m	0.128	ppbv	
44) 2,2,4-Trimethylpentane	7.352	57	1511853	4.469	ppbv	# 56
50) 4-Methyl-2-Pentanone	8.233	43	928247	4.388	ppbv	94
51) 2-Hexanone	9.565	43	394178	2.464	ppbv	# 98
52) Tetrachloroethene	10.629	164	3455m	0.044	ppbv	
53) Toluene	9.243	91	1327435	5.884	ppbv	99
57) Chlorobenzene	11.590	112	332903m	1.822	ppbv	
58) Ethyl Benzene	12.114	91	1408976	4.765	ppbv	97
59) m/p-Xylene	12.368	91	1829110	7.165	ppbv	96
60) o-Xylene	13.082	91	1041141	4.311	ppbv	98
62) Isopropylbenzene	14.050	105	432177	1.177	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.053	83	88947	0.583	ppbv	# 55
64) n-propylbenzene	14.937	120	42309m	0.441	ppbv	
67) sec-Butylbenzene	16.658	105	47800m	0.105	ppbv	
69) p-Isopropyltoluene	17.011	119	148244m	0.391	ppbv	
70) n-Butylbenzene	17.912	91	55693m	0.143	ppbv	
72) 4-Ethyltoluene	15.217	105	291129	1.024	ppbv	# 88
73) 1,3,5-Trimethylbenzene	15.368	105	285931	1.167	ppbv	97
74) 1,2,4-Trimethylbenzene	16.127	105	757999	2.662	ppbv	# 74
79) Naphthalene	21.403	128	59065m	0.235	ppbv	

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

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